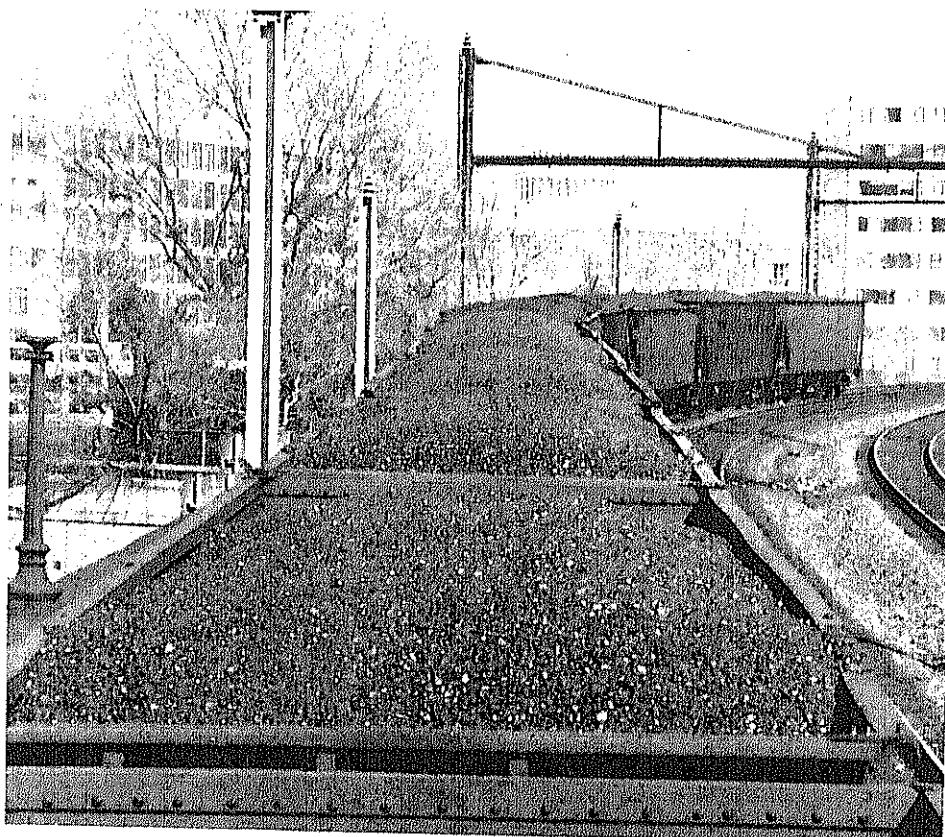




Energy Information Administration
Washington, DC

Weekly Coal Production

Production for Week Ended:
December 3, 1988



Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. Supplement 1 includes monthly and annual U.S. level data on coal production, consumption, stocks, imports, and exports. This week's Supplement 2 contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price); and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1986*, and *Coal Data: A Reference*.

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9, 1988

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Summary

U.S. coal production in the week ended December 3, 1988, as estimated by the Energy Information Administration, totaled 20.1 million short tons, a 16.3 percent increase from production in the previous, holiday-shortened week. Coal production east of the Mississippi increased by 2.9 million short tons (28.8 percent), and production west of the Mississippi decreased slightly.

This week's coal output was 0.1 million short tons or 0.6 percent higher than in the corresponding week of 1987.

This report contains data on electric utility coal receipts and prices for August 1988 in addition to electric utility coal consumption and stocks for September 1988. Also included are data on U.S. coal and coke exports and imports for September 1988.

Some of the highlights of these data are:

- Coal receipts at electric utilities for the first 8 months of 1988 (January through August) were

2.1 percent (10.0 million short tons) higher than the 1987 level for the same period. The average price of coal receipts at electric utilities for January through August 1988 was 3.9 percent (\$1.26 per short ton) lower than the comparable period in 1987.

- The level of coal stocks at electric utilities on September 30, 1988, was 6.0 percent (9.1 million short tons) lower than in the comparable period of 1987.
- Coal consumption at electric utility plants for January through September 1988 was 5.3 percent (28.8 million short tons) above the comparable 1987 level.
- Coal exports for January through September 1988 were 18.9 percent (10.9 million short tons) higher than the 1987 level for the same period. Exports to Europe accounted for 63.5 percent (6.9 million short tons) of the total increase.

Figure 1. Coal Production

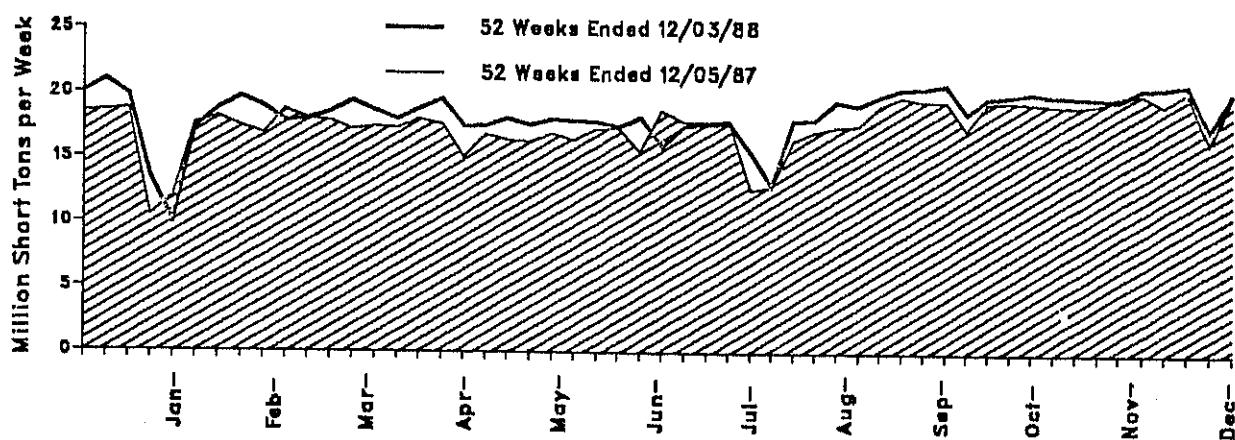


Table 1. Coal Production

| Production and Carloadings | Week Ended | | | 52 Weeks Ended | | |
|---|------------|----------|----------|----------------|-----------|-------------------|
| | 12/03/88 | 11/26/88 | 12/05/87 | 12/03/88 | 12/05/87 | Percent Change |
| Production (Thousand Short Tons) | | | | | | |
| Bituminous ¹ and Lignite | 20,053 | 17,242 | 19,933 | 951,526 | 907,025 | 4.9 |
| Pennsylvania Anthracite | 56 | 57 | 63 | 3,727 | 3,593 | 3.7 |
| U.S. Total | 20,109 | 17,298 | 19,996 | 955,254 | 910,618 | 4.9 |
| Railroad Cars Loaded | 128,763 | 110,302 | 123,512 | 6,194,962 | 5,758,121 | |

¹ Includes subbituminous coal.

Notes: 1988 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

| Region and State | Week Ended | | |
|---|------------|----------|----------|
| | 12/03/88 | 11/26/88 | 12/05/87 |
| Bituminous Coal¹ and Lignite | | | |
| East of the Mississippi | 12,832 | 9,966 | 12,502 |
| Alabama | 569 | 423 | 551 |
| Illinois | 1,221 | 1,035 | 1,221 |
| Indiana | 655 | 525 | 708 |
| Kentucky | 3,748 | 2,683 | 3,726 |
| Kentucky, Eastern | 2,774 | 1,986 | 2,761 |
| Kentucky, Western | 975 | 698 | 965 |
| Maryland | 97 | 69 | 101 |
| Ohio | 645 | 522 | 711 |
| Pennsylvania Bituminous | 1,489 | 1,475 | 1,088 |
| Tennessee | 129 | 93 | 145 |
| Virginia | 1,047 | 757 | 1,069 |
| West Virginia | 3,232 | 2,384 | 3,183 |
| West of the Mississippi | 7,222 | 7,276 | 7,430 |
| Alaska | 28 | 24 | 40 |
| Arizona | 249 | 214 | 235 |
| Arkansas | 4 | 3 | 2 |
| California | - | - | - |
| Colorado | 270 | 288 | 286 |
| Iowa | 10 | 9 | 8 |
| Kansas | 24 | 21 | 43 |
| Louisiana | 70 | 43 | 65 |
| Missouri | 97 | 84 | 93 |
| Montana | 725 | 780 | 889 |
| New Mexico | 365 | 322 | 483 |
| North Dakota | 612 | 653 | 568 |
| Oklahoma | 55 | 53 | 66 |
| Texas | 1,063 | 915 | 1,029 |
| Utah | 311 | 324 | 355 |
| Washington | 113 | 97 | 93 |
| Wyoming | 3,226 | 3,446 | 3,178 |
| Bituminous ¹ and Lignite Total | 20,053 | 17,242 | 19,933 |
| Pennsylvania Anthracite | 56 | 57 | 63 |
| U.S. Total | 20,109 | 17,298 | 19,996 |

¹ Includes subbituminous coal.

Notes: 1988 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Receipts at Electric Utility Plants: August 1988
(Thousand Short Tons)

| Census Division and State | August 1988 | July 1988 | August 1987 | Year to Date | | |
|--------------------------------|-------------|-----------|-------------|--------------|---------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| New England Total | 562 | 415 | 530 | 4,187 | 3,520 | 19.0 |
| Connecticut | 87 | 60 | 73 | 612 | 461 | 32.8 |
| Maine | - | - | - | - | - | - |
| Massachusetts | 377 | 319 | 381 | 2,844 | 2,427 | 17.2 |
| New Hampshire | 97 | 37 | 76 | 731 | 632 | 15.6 |
| Rhode Island | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - |
| Middle Atlantic Total | 4,505 | 3,680 | 4,787 | 33,083 | 34,892 | -5.2 |
| New Jersey | 277 | 178 | 348 | 1,421 | 1,692 | -16.0 |
| New York | 805 | 616 | 697 | 5,444 | 5,014 | 8.6 |
| Pennsylvania | 3,422 | 2,886 | 3,744 | 26,218 | 28,185 | -7.0 |
| East North Central Total | 15,437 | 12,960 | 14,952 | 100,546 | 104,843 | -4.1 |
| Illinois | 2,677 | 2,308 | 2,355 | 17,538 | 18,599 | -5.7 |
| Indiana | 3,441 | 2,781 | 3,560 | 22,009 | 25,235 | -9.2 |
| Michigan | 3,290 | 2,993 | 2,970 | 17,771 | 18,708 | -5.0 |
| Ohio | 4,065 | 3,645 | 4,478 | 30,957 | 31,406 | -1.4 |
| Wisconsin | 1,964 | 1,233 | 1,590 | 11,370 | 10,895 | 4.4 |
| West North Central Total | 9,520 | 8,348 | 8,499 | 63,716 | 55,584 | 14.7 |
| Iowa | 1,554 | 1,280 | 1,578 | 9,422 | 8,438 | 11.7 |
| Kansas | 1,283 | 1,064 | 1,430 | 9,535 | 9,231 | 3.3 |
| Minnesota | 1,298 | 1,177 | 1,282 | 9,175 | 7,173 | 27.9 |
| Missouri | 2,270 | 2,037 | 2,069 | 15,287 | 14,301 | 6.9 |
| Nebraska | 845 | 764 | 605 | 4,947 | 4,240 | 16.7 |
| North Dakota | 2,080 | 1,801 | 1,535 | 13,870 | 11,482 | 20.8 |
| South Dakota | 190 | 226 | - | 1,479 | 700 | 111.2 |
| South Atlantic Total | 11,349 | 8,266 | 12,158 | 79,717 | 82,992 | -3.9 |
| Delaware | 281 | 150 | 211 | 1,721 | 1,537 | 12.0 |
| District of Columbia | - | - | - | - | - | - |
| Florida | 1,788 | 1,834 | 1,914 | 16,326 | 14,880 | 9.7 |
| Georgia | 2,381 | 1,803 | 2,573 | 16,546 | 17,044 | -2.9 |
| Maryland | 799 | 582 | 765 | 5,683 | 5,253 | 8.2 |
| North Carolina | 1,836 | 1,143 | 1,570 | 11,448 | 11,079 | 3.3 |
| South Carolina | 909 | 770 | 1,210 | 5,683 | 6,169 | -7.9 |
| Virginia | 727 | 500 | 908 | 4,387 | 5,187 | -15.4 |
| West Virginia | 2,628 | 1,485 | 3,006 | 17,922 | 21,845 | -18.0 |
| East South Central Total | 6,435 | 5,698 | 6,486 | 48,247 | 51,417 | -6.2 |
| Alabama | 1,848 | 1,658 | 1,811 | 13,351 | 13,820 | -3.4 |
| Kentucky | 2,477 | 2,108 | 2,712 | 18,382 | 21,253 | -13.5 |
| Mississippi | 433 | 321 | 473 | 3,540 | 2,569 | 37.8 |
| Tennessee | 1,677 | 1,611 | 1,490 | 12,974 | 13,775 | -5.8 |
| West South Central Total | 11,209 | 11,006 | 10,507 | 77,745 | 73,237 | 6.2 |
| Arkansas | 1,225 | 1,181 | 1,126 | 7,724 | 7,825 | -1.3 |
| Louisiana | 1,132 | 791 | 907 | 6,850 | 6,855 | -1 |
| Oklahoma | 1,249 | 1,295 | 1,145 | 8,604 | 7,862 | 9.4 |
| Texas | 7,603 | 7,739 | 7,329 | 54,586 | 50,695 | 7.6 |
| Mountain Total | 9,123 | 8,078 | 7,978 | 63,103 | 54,927 | 14.9 |
| Arizona | 1,289 | 1,151 | 1,298 | 9,190 | 7,911 | 16.2 |
| Colorado | 1,375 | 1,102 | 1,160 | 9,679 | 8,615 | 12.3 |
| Idaho | - | - | - | - | - | - |
| Montana | 1,017 | 884 | 857 | 6,713 | 3,840 | 74.8 |
| Nevada | 731 | 679 | 604 | 5,196 | 4,788 | 8.5 |
| New Mexico | 1,380 | 1,287 | 1,246 | 9,306 | 9,068 | 2.6 |
| Utah | 1,214 | 982 | 960 | 8,237 | 7,724 | 6.7 |
| Wyoming | 2,116 | 2,014 | 1,853 | 14,781 | 12,981 | 13.9 |
| Pacific Total | 424 | 401 | 360 | 3,910 | 2,880 | 35.7 |
| California | - | - | - | - | - | - |
| Oregon | - | - | - | 235 | - | - |
| Washington | 424 | 401 | 360 | 3,675 | 2,880 | 27.6 |
| Alaska | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - |
| Total | 68,564 | 58,853 | 66,256 | 474,252 | 464,272 | 2.1 |

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4. Average Price¹ of Coal Receipts at Electric Utility Plants:
August 1988

| Census Division and State | August 1988 | | July 1988 | | August 1987 | | Year to Date | | | |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | Dollars per Short ton | Cents per Million Btu | Dollars per Short ton | Cents per Million Btu | Dollars per Short ton | Cents per Million Btu | 1988 | | 1987 | |
| | | | | | | | Dollars per Short ton | Cents per Million Btu | Dollars per Short ton | Cents per Million Btu |
| New England Total | \$45.01 | 170.2 | \$45.21 | 172.3 | \$46.78 | 177.8 | \$46.38 | 176.4 | \$46.83 | 177.3 |
| Connecticut | 56.86 | 216.2 | 61.44 | 233.4 | 63.44 | 241.5 | 61.69 | 234.7 | 63.03 | 239.2 |
| Maine | - | - | - | - | - | - | - | - | - | - |
| Massachusetts | 42.34 | 160.3 | 42.06 | 160.4 | 42.55 | 162.3 | 42.37 | 161.7 | 42.51 | 161.7 |
| New Hampshire | 44.78 | 167.7 | 46.03 | 175.3 | 51.95 | 193.8 | 49.20 | 184.5 | 51.60 | 191.6 |
| Rhode Island | - | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - | - | - | - | - |
| Middle Atlantic Total | 36.68 | 147.9 | 36.93 | 149.2 | 37.03 | 148.6 | 37.03 | 149.5 | 36.60 | 147.4 |
| New Jersey | 45.76 | 170.5 | 45.34 | 170.2 | 46.19 | 174.3 | 46.05 | 172.3 | 47.40 | 179.0 |
| New York | 40.78 | 159.3 | 40.92 | 160.0 | 39.29 | 153.7 | 40.98 | 160.0 | 39.38 | 153.9 |
| Pennsylvania | 34.98 | 143.0 | 35.56 | 145.4 | 35.77 | 145.1 | 35.72 | 145.8 | 35.46 | 144.2 |
| East North Central Total | 35.17 | 158.9 | 36.05 | 162.1 | 36.58 | 163.2 | 36.20 | 162.3 | 36.96 | 166.0 |
| Illinois | 38.36 | 178.4 | 40.53 | 191.1 | 41.80 | 196.7 | 41.02 | 192.6 | 43.02 | 201.1 |
| Indiana | 31.44 | 146.7 | 31.24 | 144.7 | 32.93 | 149.4 | 31.69 | 145.5 | 32.13 | 148.8 |
| Michigan | 39.25 | 174.3 | 41.07 | 181.2 | 40.58 | 176.6 | 41.77 | 179.3 | 41.34 | 178.6 |
| Ohio | 35.85 | 149.9 | 34.90 | 146.1 | 36.60 | 153.5 | 36.45 | 153.1 | 37.66 | 157.8 |
| Wisconsin | 29.15 | 146.8 | 29.69 | 150.9 | 29.50 | 148.6 | 28.50 | 147.3 | 28.28 | 147.2 |
| West North Central Total | 20.08 | 114.3 | 20.50 | 117.4 | 21.27 | 119.8 | 20.59 | 118.2 | 21.87 | 123.7 |
| Iowa | 23.99 | 126.3 | 22.75 | 124.2 | 23.39 | 125.6 | 22.91 | 124.8 | 23.61 | 128.5 |
| Kansas | 22.10 | 122.6 | 23.50 | 127.0 | 22.25 | 126.4 | 22.61 | 125.6 | 22.61 | 129.1 |
| Minnesota | 21.40 | 122.0 | 21.99 | 125.5 | 20.72 | 119.3 | 22.73 | 130.0 | 22.66 | 128.9 |
| Missouri | 28.32 | 135.4 | 29.19 | 141.0 | 28.84 | 137.6 | 29.18 | 140.1 | 30.92 | 144.3 |
| Nebraska | 14.45 | 84.0 | 14.72 | 85.2 | 16.00 | 92.6 | 14.88 | 86.4 | 16.55 | 96.2 |
| North Dakota | 8.85 | 66.9 | 9.49 | 71.7 | 10.50 | 79.8 | 9.36 | 70.9 | 10.63 | 80.4 |
| South Dakota | 15.02 | 121.0 | 14.89 | 120.2 | - | - | 15.04 | 122.2 | 14.95 | 123.4 |
| South Atlantic Total | 41.19 | 164.5 | 42.19 | 168.1 | 41.17 | 164.5 | 41.75 | 167.2 | 41.99 | 168.4 |
| Delaware | 46.82 | 180.4 | 47.86 | 183.2 | 46.09 | 175.6 | 47.31 | 183.1 | 47.83 | 182.4 |
| District of Columbia | - | - | - | - | - | - | - | - | - | - |
| Florida | 44.99 | 179.5 | 44.41 | 177.3 | 45.64 | 182.8 | 44.30 | 178.0 | 45.21 | 182.6 |
| Georgia | 41.79 | 171.7 | 43.84 | 178.1 | 42.53 | 174.2 | 42.78 | 175.5 | 44.13 | 181.2 |
| Maryland | 39.63 | 155.2 | 39.69 | 156.6 | 39.85 | 155.3 | 40.34 | 159.6 | 39.88 | 157.5 |
| North Carolina | 43.65 | 173.1 | 42.48 | 168.5 | 45.45 | 180.5 | 44.34 | 176.2 | 45.72 | 181.6 |
| South Carolina | 42.97 | 169.0 | 43.96 | 172.6 | 42.51 | 167.9 | 44.80 | 176.5 | 44.24 | 175.1 |
| Virginia | 39.58 | 153.2 | 40.19 | 156.8 | 40.02 | 154.9 | 40.52 | 157.8 | 40.98 | 159.6 |
| West Virginia | 36.05 | 144.5 | 37.38 | 148.8 | 34.79 | 139.5 | 36.07 | 144.6 | 35.93 | 144.2 |
| East South Central Total | 35.98 | 150.8 | 37.19 | 155.6 | 36.70 | 154.0 | 35.87 | 150.4 | 36.00 | 151.6 |
| Alabama | 47.10 | 192.7 | 50.94 | 208.5 | 47.16 | 192.2 | 47.32 | 194.3 | 47.26 | 193.3 |
| Kentucky | 27.81 | 120.9 | 28.19 | 122.1 | 28.57 | 123.8 | 28.23 | 122.5 | 29.03 | 126.2 |
| Mississippi | 49.26 | 194.1 | 49.68 | 194.4 | 51.79 | 204.4 | 48.85 | 184.2 | 52.00 | 204.9 |
| Tennessee | 32.37 | 134.1 | 32.30 | 134.1 | 33.99 | 142.4 | 31.98 | 132.6 | 32.47 | 136.0 |
| West South Central Total | 22.67 | 146.1 | 21.90 | 141.9 | 23.06 | 150.0 | 22.73 | 147.6 | 23.96 | 156.1 |
| Arkansas | 26.40 | 154.1 | 26.60 | 154.3 | 25.55 | 146.7 | 27.42 | 158.3 | 26.64 | 153.6 |
| Louisiana | 24.96 | 153.5 | 26.98 | 161.1 | 27.80 | 189.3 | 25.20 | 154.2 | 26.86 | 164.6 |
| Oklahoma | 25.83 | 145.1 | 26.76 | 149.9 | 27.55 | 156.5 | 27.06 | 151.5 | 27.55 | 155.8 |
| Texas | 21.21 | 143.5 | 19.86 | 135.7 | 21.39 | 146.7 | 21.07 | 144.2 | 22.59 | 155.3 |
| Mountain Total | 21.29 | 108.8 | 20.02 | 102.8 | 21.48 | 110.1 | 21.40 | 109.5 | 22.24 | 112.8 |
| Arizona | 30.40 | 142.0 | 27.63 | 128.5 | 27.26 | 127.7 | 30.30 | 142.4 | 27.30 | 128.3 |
| Colorado | 21.22 | 107.4 | 20.41 | 105.0 | 21.80 | 110.5 | 21.13 | 107.8 | 21.95 | 111.5 |
| Idaho | - | - | - | - | - | - | - | - | - | - |
| Montana | 9.08 | 52.4 | 9.52 | 54.8 | 10.18 | 58.9 | 9.28 | 54.3 | 11.40 | 66.3 |
| Nevada | 30.85 | 139.1 | 27.98 | 126.1 | 32.26 | 143.8 | 31.02 | 139.4 | 30.76 | 137.8 |
| New Mexico | 20.63 | 114.4 | 19.95 | 110.3 | 21.69 | 118.8 | 21.38 | 118.3 | 21.98 | 121.1 |
| Utah | 28.08 | 122.1 | 30.21 | 131.1 | 29.46 | 130.2 | 28.17 | 121.6 | 29.34 | 126.6 |
| Wyoming | 14.89 | 84.9 | 12.66 | 71.6 | 14.65 | 84.3 | 14.38 | 82.1 | 15.38 | 87.4 |
| Pacific Total | 26.51 | 160.2 | 25.98 | 160.4 | 27.28 | 188.4 | 24.96 | 152.6 | 27.41 | 169.2 |
| California | - | - | - | - | - | - | - | - | - | - |
| Oregon | - | - | - | - | - | - | 23.70 | 139.0 | - | - |
| Washington | 26.51 | 160.2 | 25.98 | 160.4 | 27.28 | 188.4 | 25.04 | 153.5 | 27.41 | 169.2 |
| Alaska | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - | - | - | - | - |
| Total..... | 30.39 | 145.4 | 30.02 | 145.6 | 31.57 | 149.3 | 30.88 | 147.6 | 32.14 | 152.0 |

¹ Based on the cost including insurance and freight (c.i.f. cost).

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 5. Coal Stocks at Electric Utility Plants: September 1988
 (Thousand Short Tons)

| Census Division and State | September 30, 1988 | August 31, 1988 | September 30, 1987 | Percent Change September 30: 1988 versus 1987 |
|--------------------------------|--------------------|-----------------|--------------------|---|
| New England Total | 1,126 | 1,103 | 953 | 18.2 |
| Connecticut | 0 | 0 | 0 | - |
| Maine | - | - | - | - |
| Massachusetts | 861 | 828 | 613 | 40.5 |
| New Hampshire | 238 | 248 | 312 | -23.9 |
| Rhode Island | 28 | 28 | 28 | .0 |
| Vermont | - | - | - | - |
| Middle Atlantic Total | 13,899 | 13,788 | 16,658 | -18.6 |
| New Jersey | 583 | 551 | 857 | -32.0 |
| New York | 1,303 | 1,289 | 1,693 | -23.0 |
| Pennsylvania | 12,013 | 11,948 | 14,108 | -14.8 |
| East North Central Total | 37,952 | 36,523 | 39,224 | -3.2 |
| Illinois | 9,084 | 8,121 | 6,408 | 41.5 |
| Indiana | 9,430 | 9,393 | 11,595 | -18.7 |
| Michigan | 8,545 | 8,038 | 8,984 | -5.0 |
| Ohio | 6,983 | 7,522 | 8,000 | -12.7 |
| Wisconsin | 3,930 | 3,449 | 4,227 | -7.0 |
| West North Central Total | 19,201 | 18,281 | 19,202 | .0 |
| Iowa | 4,138 | 3,662 | 3,993 | 3.6 |
| Kansas | 3,638 | 3,489 | 3,009 | 20.9 |
| Minnesota | 2,519 | 2,469 | 2,415 | 4.3 |
| Missouri | 3,904 | 3,845 | 4,744 | -17.7 |
| Nebraska | 1,717 | 1,652 | 1,803 | -4.8 |
| North Dakota | 2,990 | 2,894 | 2,940 | 1.7 |
| South Dakota | 295 | 290 | 299 | -1.3 |
| South Atlantic Total | 24,486 | 24,585 | 24,020 | 1.9 |
| Delaware | 515 | 435 | 342 | 50.7 |
| District of Columbia | - | - | - | - |
| Florida | 4,267 | 4,750 | 2,874 | 48.5 |
| Georgia | 5,195 | 4,911 | 5,238 | -1.0 |
| Maryland | 1,302 | 1,190 | 1,383 | -5.8 |
| North Carolina | 4,038 | 3,946 | 3,168 | 27.5 |
| South Carolina | 1,811 | 1,698 | 1,466 | 23.5 |
| Virginia | 1,202 | 1,282 | 1,522 | -21.0 |
| West Virginia | 6,168 | 6,373 | 8,028 | -23.2 |
| East South Central Total | 13,474 | 13,708 | 17,007 | -20.8 |
| Alabama | 4,455 | 4,449 | 4,328 | 3.0 |
| Kentucky | 3,763 | 3,896 | 6,717 | -44.0 |
| Mississippi | 1,008 | 1,047 | 649 | 55.5 |
| Tennessee | 4,247 | 4,317 | 5,314 | -20.1 |
| West South Central Total | 15,152 | 15,881 | 16,127 | -6.0 |
| Arkansas | 1,845 | 2,057 | 1,927 | -4.3 |
| Louisiana | 2,229 | 2,224 | 2,567 | -13.2 |
| Oklahoma | 2,576 | 2,693 | 3,154 | -18.3 |
| Texas | 8,502 | 8,908 | 8,478 | .3 |
| Mountain Total | 15,937 | 15,774 | 17,913 | -11.0 |
| Arizona | 3,764 | 3,909 | 3,946 | -4.6 |
| Colorado | 3,431 | 3,497 | 3,575 | -4.0 |
| Idaho | - | - | - | - |
| Montana | 947 | 915 | 801 | 18.2 |
| Nevada | 1,300 | 1,289 | 1,807 | -28.1 |
| New Mexico | 1,284 | 1,140 | 1,242 | 3.4 |
| Utah | 2,693 | 2,704 | 2,871 | -6.2 |
| Wyoming | 2,518 | 2,339 | 3,671 | -31.4 |
| Pacific Total | 1,603 | 1,635 | 860 | 86.5 |
| California | - | - | - | - |
| Oregon | 786 | 788 | 184 | 327.2 |
| Washington | 814 | 845 | 674 | 20.7 |
| Alaska | 3 | 4 | 1 | 134.2 |
| Hawaii | - | - | - | - |
| U.S. Total | 142,829 | 141,278 | 151,081 | -6.0 |

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Consumption at Electric Utility Plants: September 1988
(Thousand Short Tons)

| Census Division and State | September 1988 | August 1988 | September 1987 | Year to Date | | |
|--------------------------------|----------------|-------------|----------------|--------------|---------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| New England Total | 530 | 536 | 593 | 4,635 | 4,564 | 1.6 |
| Connecticut | 56 | 74 | 77 | 636 | 546 | 16.5 |
| Maine | - | - | - | - | - | - |
| Massachusetts | 364 | 346 | 389 | 3,109 | 3,225 | -3.6 |
| New Hampshire | 110 | 115 | 128 | 890 | 793 | 12.2 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | - |
| Vermont | - | - | - | - | - | - |
| Middle Atlantic Total | 4,266 | 5,021 | 4,163 | 41,037 | 38,775 | 5.0 |
| New Jersey | 229 | 360 | 252 | 2,110 | 2,306 | -8.5 |
| New York | 746 | 818 | 556 | 6,804 | 5,635 | 20.7 |
| Pennsylvania | 3,290 | 3,843 | 3,356 | 32,123 | 30,834 | 4.2 |
| East North Central Total | 12,310 | 15,990 | 12,246 | 123,880 | 126,180 | -1.8 |
| Illinois | 1,552 | 2,808 | 1,981 | 20,070 | 23,897 | -16.0 |
| Indiana | 3,193 | 3,849 | 2,945 | 30,176 | 28,738 | 5.0 |
| Michigan | 2,334 | 2,923 | 2,314 | 22,962 | 23,586 | -2.6 |
| Ohio | 3,949 | 4,642 | 3,685 | 37,135 | 36,577 | 1.5 |
| Wisconsin | 1,282 | 1,768 | 1,322 | 13,537 | 13,382 | 1.2 |
| West North Central Total | 7,829 | 10,235 | 6,736 | 74,521 | 65,481 | 13.8 |
| Iowa | 751 | 1,436 | 1,048 | 9,893 | 9,541 | 3.7 |
| Kansas | 1,271 | 1,527 | 1,070 | 10,553 | 10,898 | -3.2 |
| Minnesota | 1,409 | 1,586 | 968 | 12,184 | 9,666 | 26.0 |
| Missouri | 2,011 | 2,759 | 1,978 | 18,407 | 17,122 | 7.5 |
| Nebraska | 534 | 811 | 462 | 5,880 | 4,904 | 15.8 |
| North Dakota | 1,658 | 1,898 | 1,186 | 15,950 | 12,533 | 27.3 |
| South Dakota | 195 | 218 | 15 | 1,855 | 817 | 126.9 |
| South Atlantic Total | 10,521 | 13,370 | 11,119 | 97,094 | 95,430 | 1.7 |
| Delaware | 180 | 230 | 182 | 1,875 | 1,816 | 3.3 |
| District of Columbia | - | - | - | - | - | - |
| Florida | 2,082 | 2,215 | 2,113 | 18,234 | 17,000 | 7.3 |
| Georgia | 2,169 | 2,813 | 2,272 | 20,401 | 20,913 | -2.5 |
| Maryland | 728 | 885 | 674 | 6,912 | 6,240 | 10.8 |
| North Carolina | 1,361 | 2,190 | 1,518 | 13,454 | 13,331 | .9 |
| South Carolina | 805 | 1,007 | 789 | 6,676 | 7,305 | -8.6 |
| Virginia | 658 | 879 | 804 | 6,087 | 6,216 | -2.1 |
| West Virginia | 2,538 | 3,150 | 2,768 | 23,456 | 22,608 | 3.8 |
| East South Central Total | 6,609 | 7,901 | 6,311 | 58,856 | 56,311 | 4.5 |
| Alabama | 1,765 | 2,179 | 1,675 | 15,286 | 15,897 | -3.8 |
| Kentucky | 2,578 | 3,356 | 2,382 | 24,147 | 21,913 | 10.2 |
| Mississippi | 451 | 498 | 410 | 3,803 | 3,381 | 12.5 |
| Tennessee | 1,816 | 1,869 | 1,844 | 15,620 | 15,120 | 3.3 |
| West South Central Total | 10,831 | 12,143 | 10,259 | 82,740 | 86,503 | 7.2 |
| Arkansas | 1,208 | 1,313 | 1,029 | 9,175 | 9,377 | -2.2 |
| Louisiana | 1,109 | 1,142 | 955 | 9,448 | 7,076 | 33.5 |
| Oklahoma | 1,328 | 1,588 | 1,151 | 11,040 | 10,278 | 7.4 |
| Texas | 7,186 | 8,099 | 7,124 | 63,077 | 59,772 | 5.5 |
| Mountain Total | 8,138 | 9,297 | 7,491 | 73,982 | 64,607 | 14.5 |
| Arizona | 1,245 | 1,395 | 1,127 | 10,807 | 8,985 | 20.3 |
| Colorado | 1,218 | 1,335 | 1,170 | 11,263 | 10,596 | 6.3 |
| Idaho | - | - | - | - | - | - |
| Montana | 872 | 933 | 878 | 7,519 | 4,746 | 58.4 |
| Nevada | 655 | 816 | 653 | 6,321 | 5,370 | 17.7 |
| New Mexico | 1,278 | 1,420 | 1,178 | 10,972 | 10,549 | 4.0 |
| Utah | 1,102 | 1,216 | 917 | 9,778 | 8,210 | 19.1 |
| Wyoming | 1,767 | 2,183 | 1,568 | 17,321 | 16,151 | 7.2 |
| Pacific Total | 513 | 619 | 342 | 4,363 | 4,414 | -1.1 |
| California | - | - | - | - | - | - |
| Oregon | 0 | 0 | 0 | 0 | 0 | - |
| Washington | 491 | 599 | 328 | 4,162 | 4,221 | -1.4 |
| Alaska | 22 | 20 | 14 | 201 | 193 | 4.1 |
| Hawaii | - | - | - | - | - | - |
| U.S. Total | 61,547 | 75,112 | 59,259 | 571,108 | 542,268 | 5.3 |

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Exports by Continent and Country of Destination:
September 1988
(Short Tons)**

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|----------------|-------------|----------------|--------------|------------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 2,338,485 | 2,073,408 | 1,838,235 | 12,940,671 | 10,381,992 | 24.6 |
| Canada | 2,301,178 | 2,066,862 | 1,831,304 | 12,565,036 | 10,215,659 | 23.0 |
| Costa Rica | 187 | - | - | 187 | 9 | (1) |
| Dominican Republic | 19,786 | - | - | 58,978 | 41,316 | 42.7 |
| Haiti | 6,554 | - | - | 32,888 | - | - |
| Honduras | - | - | - | 47 | 58 | -19.0 |
| Jamaica | - | - | - | 19,516 | - | - |
| Mexico | 8,760 | 6,546 | 6,931 | 264,019 | 55,309 | 377.4 |
| Netherlands Antilles | - | - | - | - | 68,970 | - |
| Panama | - | - | - | - | 88 | - |
| Trinidad & Tobago | - | - | - | - | 583 | - |
| South America Total | 439,058 | 663,439 | 552,190 | 4,125,269 | 4,921,112 | -16.2 |
| Argentina | 18 | 125,368 | 64,581 | 364,790 | 562,665 | -35.2 |
| Brazil | 403,648 | 537,799 | 487,557 | 3,676,021 | 4,225,095 | -13.0 |
| Chile | 28,837 | - | - | 56,212 | 93,311 | -39.8 |
| Colombia | - | - | - | 15 | - | - |
| Ecuador | 182 | 182 | - | 364 | 101 | 260.4 |
| Guyana | - | - | - | - | 11 | - |
| Peru | - | 90 | 52 | 90 | 29,464 | -99.7 |
| Venezuela | 6,373 | - | - | 27,777 | 10,465 | 165.4 |
| Europe Total | 5,000,630 | 4,374,285 | 2,911,376 | 32,985,776 | 26,043,827 | 26.7 |
| Albania | 27,948 | 24,748 | - | 131,126 | 57,260 | 129.0 |
| Belgium & Luxembourg | 421,389 | 698,994 | 418,688 | 4,840,160 | 3,257,174 | 48.6 |
| Denmark | 803,070 | 559,918 | 58,785 | 2,208,416 | 784,305 | 178.0 |
| Finland | - | - | 119,744 | 68,131 | 171,734 | -60.3 |
| France | 488,339 | 332,775 | 250,677 | 3,143,195 | 2,167,029 | 45.0 |
| Gibraltar | - | - | - | - | 17,003 | - |
| Iceland | 7,129 | - | 5,378 | 33,621 | 28,965 | 16.8 |
| Ireland | 86,216 | 215,186 | 164,876 | 1,123,042 | 966,327 | 16.2 |
| Italy | 1,169,118 | 833,137 | 814,755 | 8,526,106 | 7,199,638 | 18.4 |
| Netherlands | 571,889 | 589,811 | 301,990 | 3,604,902 | 3,135,665 | 15.0 |
| Norway | 87,190 | 24,665 | 5,237 | 221,814 | 116,514 | 90.4 |
| Portugal | 83,187 | 127,571 | 84,338 | 678,527 | 1,265,008 | -48.4 |
| Romania | 135,990 | 110,662 | - | 860,424 | 785,549 | 9.5 |
| Spain | 298,891 | 145,402 | 90,404 | 1,737,128 | 1,802,309 | -3.6 |
| Sweden | - | 132,547 | 142,868 | 318,840 | 588,210 | -45.8 |
| Turkey | 269,889 | 179,192 | 44,241 | 1,512,323 | 771,778 | 96.0 |
| United Kingdom | 319,548 | 293,410 | 398,365 | 2,492,389 | 1,920,401 | 29.4 |
| West Germany | 110,718 | - | - | 575,658 | 284,234 | 102.5 |
| Yugoslavia | 200,119 | 106,247 | 11,030 | 909,974 | 708,724 | 28.4 |
| Asia Total | 2,095,791 | 2,146,674 | 1,247,514 | 17,785,751 | 14,808,369 | 20.1 |
| China (Taiwan) | 433,690 | 373,581 | 400,866 | 3,647,785 | 3,494,030 | 4.4 |
| India | - | - | - | - | 53 | - |
| Indonesia | - | 470 | - | 553 | 164 | 237.2 |
| Israel | - | 121,929 | - | 243,427 | 242,894 | .2 |
| Japan | 1,352,631 | 1,187,740 | 725,390 | 10,994,057 | 8,268,596 | 32.6 |
| Jordan | - | - | - | 56 | - | - |
| Korea, Republic of | 308,976 | 451,783 | 115,258 | 2,838,980 | 2,726,482 | 4.1 |
| Kuwait | - | - | - | - | 33 | - |
| Pakistan | - | - | - | 57,969 | 55,415 | 4.6 |
| Philippines | - | - | - | 175 | 141 | 24.1 |
| Saudi Arabia | - | - | - | 659 | 452 | 45.8 |
| Singapore | - | 1,171 | - | 1,171 | 109 | (1) |
| Thailand | 472 | - | - | 472 | - | - |
| United Arab Emirates | 22 | - | - | 447 | - | - |
| Oceanian & Australia Total | 309 | - | 127 | 1,462 | 882 | 65.8 |
| Australia | - | - | 22 | 633 | 350 | 80.9 |
| French Pacific Isl | - | - | 105 | 345 | 532 | -35.2 |
| New Zealand | 309 | - | - | 484 | - | - |
| Africa Total | 113,338 | 63,996 | 115,825 | 813,047 | 1,566,148 | -49.1 |
| Algeria | 62,922 | 63,927 | 115,825 | 518,239 | 720,678 | -28.1 |
| Egypt | 50,416 | - | - | 294,739 | 280,184 | 5.2 |
| Gabon | - | 69 | - | 69 | - | - |
| Morocco | - | - | - | - | 503,639 | - |
| South Africa, Rep of | - | - | - | - | 61,647 | - |
| Total | 10,065,591 | 9,321,782 | 6,605,267 | 68,651,976 | 57,722,330 | 18.8 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Average Price¹ of Coal Exports: September 1988
(Dollars per Short Ton)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$41.87 | \$42.63 | \$41.21 | \$42.48 | \$42.82 | -0.8 |
| Canada | 41.91 | 42.52 | 41.10 | 42.47 | 42.73 | -.6 |
| Costa Rica | 34.99 | - | - | 34.99 | (²) | -89.7 |
| Dominican Republic | 35.05 | - | - | 37.47 | 38.78 | -3.4 |
| Haiti | 30.21 | - | - | 30.26 | - | - |
| Honduras | - | - | - | (²) | (²) | -52.2 |
| Jamaica | - | - | - | 27.62 | - | - |
| Mexico | 55.42 | (²) | (²) | 46.75 | (²) | -28.9 |
| Netherlands Antilles | - | - | - | - | 38.75 | - |
| Panama | - | - | - | - | (²) | - |
| Trinidad & Tobago | - | - | - | - | (²) | - |
| South America Total | 45.95 | 44.49 | 42.99 | 44.43 | 44.82 | -.9 |
| Argentina | (²) | 43.71 | 42.14 | 43.69 | 43.83 | -.3 |
| Brazil | 45.28 | 44.68 | 43.10 | 44.39 | 44.64 | -.6 |
| Chile | 47.05 | - | - | 46.99 | 45.98 | 2.2 |
| Colombia | - | - | - | (²) | - | - |
| Ecuador | 34.92 | 34.92 | - | 34.92 | (²) | -79.5 |
| Guyana | - | - | - | - | (²) | - |
| Peru | - | 40.00 | 39.81 | 40.00 | 50.96 | -21.5 |
| Venezuela | (²) | - | - | 54.17 | (²) | -61.1 |
| Europe Total | 40.95 | 40.36 | 41.78 | 41.93 | 42.61 | -1.6 |
| Albania | 43.41 | 39.99 | - | 39.19 | 40.47 | -3.2 |
| Belgium & Luxembourg | 42.48 | 41.61 | 39.57 | 42.12 | 41.86 | .6 |
| Denmark | 28.97 | 27.54 | 34.93 | 29.94 | 32.23 | -7.1 |
| Finland | - | - | 41.02 | 41.73 | 41.11 | 1.5 |
| France | 44.93 | 44.96 | 42.30 | 44.09 | 43.27 | 1.9 |
| Gibraltar | - | - | - | - | 43.18 | - |
| Iceland | 55.90 | - | 50.81 | 53.93 | 58.80 | -8.3 |
| Ireland | 39.42 | 42.87 | 40.26 | 41.15 | 44.01 | -6.5 |
| Italy | 42.41 | 42.95 | 40.80 | 42.48 | 41.72 | 1.8 |
| Netherlands | 42.32 | 37.09 | 41.12 | 40.34 | 43.43 | -7.1 |
| Norway | 46.98 | 42.47 | 54.70 | 53.57 | (²) | -16.3 |
| Portugal | 41.08 | 39.72 | 44.88 | 39.06 | 42.95 | -9.0 |
| Romania | 39.18 | 44.56 | - | 41.98 | 42.76 | -1.8 |
| Spain | 45.38 | 47.12 | 45.00 | 45.32 | 43.95 | 3.1 |
| Sweden | - | 46.51 | 43.95 | 45.09 | 43.94 | 2.6 |
| Turkey | 42.18 | 42.18 | 45.54 | 43.64 | 44.15 | -1.2 |
| United Kingdom | 46.01 | 44.43 | 44.58 | 44.36 | 44.51 | -.4 |
| West Germany | 45.98 | - | - | 45.10 | 41.28 | 9.3 |
| Yugoslavia | 42.79 | 42.69 | (²) | 44.95 | 43.74 | 2.6 |
| Asia Total | 42.02 | 42.87 | 42.01 | 41.79 | 44.27 | -5.6 |
| China (Taiwan) | 42.28 | 39.35 | 39.51 | 40.14 | 40.54 | -1.0 |
| India | - | - | - | - | 39.62 | - |
| Indonesia | - | 40.00 | - | 40.02 | 39.90 | .3 |
| Israel | - | 37.76 | - | 36.91 | 38.56 | 1.0 |
| Japan | 42.69 | 43.82 | 44.96 | 42.19 | 46.70 | -9.6 |
| Jordan | - | - | - | 50.00 | - | - |
| Korea, Republic of | 38.72 | 44.68 | 32.34 | 42.48 | 42.18 | .7 |
| Kuwait | - | - | - | - | (²) | - |
| Pakistan | - | - | - | - | 55.30 | 54.43 |
| Philippines | - | - | - | - | 55.30 | 54.43 |
| Saudi Arabia | - | - | - | (²) | 34.96 | 334.4 |
| Singapore | - | - | - | 39.99 | (²) | -39.7 |
| Thailand | 38.31 | 35.01 | - | 35.01 | (²) | -77.2 |
| United Arab Emirates | (²) | - | - | 38.31 | - | - |
| Oceania & Australia Total | 39.18 | - | (²) | 46.90 | - | - |
| Australia | - | - | (²) | 38.35 | (²) | -38.0 |
| French Pacific Isl | - | - | 40.12 | 36.65 | (²) | -61.4 |
| New Zealand | 39.18 | - | - | 39.94 | 40.01 | -.2 |
| Africa Total | 45.87 | 45.52 | 40.81 | 43.89 | 41.14 | 6.7 |
| Algeria | 47.27 | 45.52 | 40.81 | 43.75 | 44.07 | -.7 |
| Egypt | 44.13 | - | - | 44.13 | 42.10 | 4.8 |
| Gabon | - | 40.17 | - | 40.17 | - | - |
| Morocco | - | - | - | - | 35.55 | - |
| South Africa, Rep of | - | - | - | - | 48.25 | - |
| Total | 41.66 | 41.77 | 41.75 | 42.17 | 43.22 | -2.4 |

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Coal Exports by Continent and Country of Destination, and Rank:
September 1988
(Short Tons)**

| Continent and Country of Destination | Anthracite | Lignite ¹ | Bituminous | | | Total |
|--------------------------------------|------------|----------------------|---------------|--------------------|-----------|------------|
| | | | Metallurgical | Steam ² | Total | |
| North America Total | 79,079 | 6,046 | 877,870 | 1,273,470 | 2,251,340 | 2,336,465 |
| Canada | 78,892 | - | 958,084 | 1,264,202 | 2,222,286 | 2,301,178 |
| Costa Rica | 187 | - | - | - | - | 187 |
| Dominican Republic | - | - | 19,786 | - | 19,786 | 19,786 |
| Haiti | - | - | - | 6,554 | 6,554 | 6,554 |
| Mexico | - | 6,046 | - | 2,714 | 2,714 | 8,760 |
| South America Total | 6,573 | - | 432,485 | - | 432,485 | 438,058 |
| Argentina | 18 | - | - | - | - | 18 |
| Brazil | - | - | 403,648 | - | 403,648 | 403,648 |
| Chile | - | - | 28,837 | - | 28,837 | 28,837 |
| Ecuador | 182 | - | - | - | - | 182 |
| Venezuela | 6,373 | - | - | - | - | 6,373 |
| Europe Total | 2,978 | 88 | 3,498,702 | 1,580,884 | 5,077,586 | 5,080,630 |
| Albania | - | - | 27,948 | - | 27,948 | 27,948 |
| Belgium & Luxembourg | - | - | 356,933 | 64,456 | 421,389 | 421,389 |
| Denmark | - | - | - | 803,070 | 803,070 | 803,070 |
| France | - | - | 488,339 | - | 488,339 | 488,339 |
| Iceland | - | - | - | 7,129 | 7,129 | 7,129 |
| Ireland | - | - | - | 86,216 | 86,216 | 86,216 |
| Italy | - | - | 758,718 | 410,400 | 1,169,118 | 1,169,118 |
| Netherlands | - | - | 470,499 | 101,390 | 571,889 | 571,889 |
| Norway | 2,978 | - | 18,214 | 66,000 | 84,214 | 87,190 |
| Portugal | - | - | 41,180 | 42,007 | 83,187 | 83,187 |
| Romania | - | - | 135,990 | - | 135,990 | 135,990 |
| Spain | - | 88 | 298,706 | 117 | 298,823 | 298,891 |
| Turkey | - | - | 269,790 | 99 | 269,889 | 269,889 |
| United Kingdom | - | - | 319,548 | - | 319,548 | 319,548 |
| West Germany | - | - | 110,718 | - | 110,718 | 110,718 |
| Yugoslavia | - | - | 200,119 | - | 200,119 | 200,119 |
| Asia Total | 106,248 | 138 | 1,497,713 | 491,694 | 1,988,407 | 2,095,791 |
| China (Taiwan) | - | - | 112,076 | 321,614 | 433,690 | 433,690 |
| Japan | - | 136 | 1,265,746 | 86,749 | 1,352,495 | 1,352,631 |
| Korea, Republic of | 105,778 | - | 119,891 | 83,309 | 203,200 | 308,876 |
| Thailand | 472 | - | - | - | - | 472 |
| United Arab Emirates | - | - | - | 22 | 22 | 22 |
| Oceania & Australia Total | 49 | - | - | 260 | 280 | 309 |
| New Zealand | 49 | - | - | 260 | 260 | 309 |
| Africa Total | - | - | 113,338 | - | 113,338 | 113,338 |
| Algeria | - | - | 62,922 | - | 62,922 | 62,922 |
| Egypt | - | - | 50,416 | - | 50,416 | 50,416 |
| Total | 194,925 | 6,250 | 6,518,108 | 3,348,308 | 9,864,418 | 10,065,591 |

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Continent and Country of Destination, and Rank:
January - September 1988
(Short Tons)**

| Continent and Country of Destination | Anthracite | Lignite ¹ | Bituminous | | | Total |
|---|----------------|----------------------|-------------------|--------------------|-------------------|-------------------|
| | | | Metallurgical | Steam ² | Total | |
| North America Total | 385,649 | 19,738 | 5,435,422 | 7,099,862 | 12,535,284 | 12,940,671 |
| Canada | 371,184 | 753 | 5,178,545 | 7,014,554 | 12,193,099 | 12,565,036 |
| Costa Rica | 187 | - | 58,978 | - | 58,978 | 58,978 |
| Dominican Republic | - | - | - | - | - | 187 |
| Haiti | - | - | - | 32,888 | 32,888 | 32,888 |
| Honduras | 22 | - | 25 | - | 25 | 47 |
| Jamaica | - | - | - | 19,516 | 19,516 | 19,516 |
| Mexico | 14,256 | 18,985 | 197,874 | 32,904 | 230,778 | 264,019 |
| South America Total | 35,986 | - | 3,994,764 | 94,519 | 4,089,283 | 4,125,269 |
| Argentina | 36 | - | 364,754 | - | 364,754 | 364,790 |
| Brazil | 7,511 | - | 3,574,081 | 94,429 | 3,668,510 | 3,676,021 |
| Chile | 283 | - | 55,929 | - | 55,929 | 56,212 |
| Colombia | 15 | - | - | - | - | 15 |
| Ecuador | 364 | - | - | - | - | 364 |
| Peru | - | - | - | 90 | 90 | 90 |
| Venezuela | 27,777 | - | - | - | - | 27,777 |
| Europe Total | 26,483 | 487 | 22,931,202 | 10,027,804 | 32,958,806 | 32,985,776 |
| Albania | - | - | 131,126 | - | 131,126 | 131,126 |
| Belgium & Luxembourg | - | - | 4,120,688 | 710,472 | 4,840,160 | 4,840,160 |
| Denmark | - | - | - | 2,208,416 | 2,208,416 | 2,208,416 |
| Finland | - | - | 68,131 | - | 68,131 | 68,131 |
| France | - | - | 3,119,512 | 23,683 | 3,143,195 | 3,143,195 |
| Iceland | - | - | - | 33,621 | 33,621 | 33,621 |
| Ireland | - | - | 26,680 | 1,096,362 | 1,123,042 | 1,123,042 |
| Italy | - | 277 | 4,993,083 | 3,532,746 | 8,525,829 | 8,526,106 |
| Netherlands | - | - | 2,028,025 | 1,576,877 | 3,604,902 | 3,604,902 |
| Norway | 24,703 | - | 103,085 | 94,026 | 197,111 | 221,814 |
| Portugal | - | - | 124,412 | 554,115 | 678,527 | 678,527 |
| Romania | - | - | 860,424 | - | 860,424 | 860,424 |
| Spain | - | 152 | 1,717,393 | 18,583 | 1,736,976 | 1,737,128 |
| Sweden | - | - | 271,696 | 47,144 | 318,840 | 318,840 |
| Turkey | 100 | 58 | 1,512,066 | 99 | 1,512,165 | 1,512,323 |
| United Kingdom | 132 | - | 2,463,828 | 28,431 | 2,492,257 | 2,492,389 |
| West Germany | 314 | - | 520,038 | 55,308 | 575,344 | 575,658 |
| Yugoslavia | 1,234 | - | 862,017 | 46,723 | 908,740 | 909,974 |
| Asia Total | 196,799 | 35,113 | 12,037,212 | 5,516,827 | 17,553,839 | 17,785,751 |
| China (Taiwan) | - | 34,321 | 623,841 | 2,889,823 | 3,613,464 | 3,647,785 |
| Indonesia | - | 83 | - | 470 | 470 | 553 |
| Israel | - | - | - | 243,427 | 243,427 | 243,427 |
| Japan | - | 588 | 8,327,585 | 1,665,884 | 10,993,469 | 10,994,057 |
| Jordan | - | - | 56 | - | 56 | 56 |
| Korea, Republic of | 195,102 | - | 2,027,961 | 615,917 | 2,643,878 | 2,838,880 |
| Pakistan | - | - | 57,969 | - | 57,969 | 57,969 |
| Philippines | 54 | 121 | - | - | - | 175 |
| Saudi Arabia | - | - | - | 659 | 659 | 659 |
| Singapore | 1,171 | - | - | - | - | 1,171 |
| Thailand | 472 | - | - | - | - | 472 |
| United Arab Emirates | - | - | - | 447 | 447 | 447 |
| Oceania & Australia Total | 474 | 345 | - | 843 | 843 | 1,462 |
| Australia | 425 | - | - | 208 | 208 | 633 |
| French Pacific Isl | - | 345 | - | - | - | 345 |
| New Zealand | 49 | - | - | 435 | 435 | 484 |
| Africa Total | - | - | 812,978 | 69 | 813,047 | 813,047 |
| Algeria | - | - | 518,239 | - | 518,239 | 518,239 |
| Egypt | - | - | 294,739 | - | 294,739 | 294,739 |
| Gabon | - | - | - | 69 | 69 | 69 |
| Total | 645,391 | 55,683 | 45,211,578 | 22,739,324 | 67,950,902 | 68,651,978 |

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coal Exports by Customs District and Rank: September 1988
(Short Tons)

| Customs District | Anthracite | Lignite ¹ | Bituminous | | | Total |
|-----------------------|----------------|----------------------|------------------|--------------------|------------------|-------------------|
| | | | Metallurgical | Steam ² | Total | |
| Eastern Total | 193,001 | 68 | 4,802,397 | 957,405 | 5,759,802 | 5,952,871 |
| Baltimore, MD | - | - | 451,667 | 239,616 | 691,283 | 691,283 |
| Buffalo, NY | 4,023 | - | 67 | - | 67 | 4,090 |
| New York City, NY | 32,116 | 68 | - | - | - | 32,184 |
| Ogdensburg, NY | 386 | - | - | 613 | 613 | 999 |
| Philadelphia, PA | 156,476 | - | - | 333,995 | 333,995 | 490,471 |
| Norfolk, VA | - | - | 4,350,663 | 383,181 | 4,733,844 | 4,733,844 |
| Southern Total | - | 5,928 | 757,694 | 810,285 | 1,567,979 | 1,573,907 |
| Mobile, AL | - | - | 603,490 | 59,103 | 662,593 | 662,593 |
| New Orleans, LA | - | - | 66,318 | 751,083 | 817,401 | 817,401 |
| Wilmington, NC | - | - | 69,672 | - | 69,672 | 69,672 |
| Charleston, SC | - | - | 18,214 | - | 18,214 | 18,214 |
| Houston-Galveston, TX | - | - | - | 99 | 99 | 99 |
| Laredo, TX | - | 5,928 | - | - | - | 6,928 |
| Western Total | 521 | 254 | - | 152,035 | 152,035 | 152,810 |
| Anchorage, AK | - | - | - | 83,309 | 83,309 | 83,309 |
| Los Angeles, CA | 501 | - | - | - | - | 501 |
| San Diego, CA | - | 118 | - | 54 | 54 | 172 |
| San Francisco, CA | 20 | - | - | 260 | 260 | 280 |
| Seattle, WA | - | 136 | - | 68,412 | 68,412 | 68,548 |
| Northern Total | 1,403 | - | 958,017 | 1,426,583 | 2,384,800 | 2,386,003 |
| Detroit, MI | 1,328 | - | - | 5,855 | 5,855 | 7,183 |
| Duluth, MN | - | - | 24,252 | 28,354 | 52,606 | 52,606 |
| Pembina, ND | 75 | - | 197 | 920 | 1,117 | 1,192 |
| Cleveland, OH | - | - | 933,568 | 1,391,454 | 2,325,022 | 2,325,022 |
| Total | 194,925 | 6,250 | 6,519,108 | 3,346,308 | 9,864,416 | 10,065,591 |

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Exports by Customs District and Rank:
January - September 1988
(Short Tons)

| Customs District | Anthracite | Lignite ¹ | Bituminous | | | Total |
|-----------------------|----------------|----------------------|-------------------|--------------------|-------------------|-------------------|
| | | | Metallurgical | Steam ² | Total | |
| Eastern Total | 606,753 | 209 | 32,420,785 | 7,035,022 | 39,455,807 | 40,062,769 |
| Baltimore, MD | 1,391 | 141 | 3,213,106 | 2,285,192 | 5,498,298 | 5,499,830 |
| Buffalo, NY | 42,054 | - | 661 | 2,253 | 2,914 | 44,968 |
| New York City, NY | 66,514 | 68 | - | 45 | 45 | 66,627 |
| Ogdensburg, NY | 1,205 | - | - | 3,544 | 3,544 | 4,749 |
| Philadelphia, PA | 495,164 | - | 87,755 | 1,236,089 | 1,323,844 | 1,819,008 |
| Norfolk, VA | 425 | - | 29,119,263 | 3,507,542 | 32,626,805 | 32,627,230 |
| St. Albans, VT | - | - | - | 357 | 357 | 357 |
| Southern Total | 27,454 | 18,443 | 7,389,872 | 7,167,822 | 14,557,494 | 14,603,391 |
| Mobile, AL | - | - | 5,919,210 | 735,991 | 6,655,201 | 6,655,201 |
| Savannah, GA | - | 84 | - | - | - | 84 |
| Miami, FL | 22 | - | - | 13 | 13 | 35 |
| New Orleans, LA | 15,799 | - | 842,123 | 6,285,481 | 7,127,804 | 7,143,403 |
| Wilmington, NC | - | - | 193,476 | 500 | 193,976 | 193,976 |
| Charleston, SC | - | 113 | 434,311 | 65,826 | 500,137 | 500,250 |
| El Paso, TX | - | - | 61 | - | 61 | 61 |
| Houston-Galveston, TX | 16 | - | 123 | 76,017 | 76,140 | 76,156 |
| Laredo, TX | 11,617 | 18,246 | 368 | 3,994 | 4,362 | 34,225 |
| Western Total | 521 | 36,212 | 222,468 | 1,156,755 | 1,379,223 | 1,415,956 |
| Anchorage, AK | - | - | - | 594,114 | 594,114 | 594,114 |
| Los Angeles, CA | 501 | - | 199,307 | 437,195 | 636,502 | 637,003 |
| San Diego, CA | - | 739 | - | 609 | 609 | 1,348 |
| San Francisco, CA | 20 | 345 | - | 390 | 390 | 755 |
| Great Falls, MT | - | 98 | - | 905 | 905 | 1,003 |
| Portland, OR | - | - | - | 110 | 110 | 110 |
| Seattle, WA | - | 35,030 | 23,161 | 123,432 | 146,593 | 181,623 |
| Northern Total | 10,683 | 819 | 5,178,653 | 7,379,725 | 12,558,378 | 12,569,880 |
| Chicago, IL | - | - | 176 | - | 176 | 176 |
| Detroit, MI | 10,082 | 413 | 593 | 19,882 | 20,475 | 30,970 |
| Duluth, MN | - | - | 24,315 | 28,354 | 52,669 | 52,669 |
| Pembina, ND | 581 | 408 | 197 | 3,202 | 3,399 | 4,386 |
| Cleveland, OH | - | - | 5,153,372 | 7,328,287 | 12,481,659 | 12,481,659 |
| Total | 645,391 | 55,683 | 45,211,578 | 22,739,324 | 67,950,902 | 68,651,976 |

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 13. Bituminous¹ Coal Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|----------------|-------------|----------------|--------------|------------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 2,251,340 | 2,032,882 | 1,762,184 | 12,535,284 | 10,002,021 | 25.3 |
| Canada | 2,222,286 | 2,027,622 | 1,757,036 | 12,193,099 | 9,855,809 | 23.7 |
| Dominican Republic | 19,786 | - | - | 58,978 | 41,261 | 42.9 |
| Haiti | 6,554 | - | - | 32,888 | - | - |
| Honduras | - | - | - | 25 | 36 | -30.6 |
| Jamaica | - | - | - | 19,516 | - | - |
| Mexico | 2,714 | 5,060 | 5,148 | 230,778 | 35,945 | (2) |
| Netherlands Antilles | - | - | - | - | 68,970 | - |
| South America Total | 432,485 | 663,257 | 552,190 | 4,089,283 | 4,899,411 | -16.5 |
| Argentina | - | 125,368 | 64,581 | 364,754 | 562,652 | -35.2 |
| Brazil | 403,648 | 537,799 | 487,557 | 3,668,510 | 4,213,991 | -12.9 |
| Chile | 28,837 | - | - | 55,929 | 93,293 | -40.1 |
| Guyana | - | - | - | - | 11 | - |
| Peru | - | 90 | 52 | 90 | 29,464 | -99.7 |
| Europe Total | 5,077,506 | 4,374,124 | 2,911,266 | 32,958,806 | 26,021,844 | 26.7 |
| Albania | 27,948 | 24,748 | - | 131,126 | 57,260 | 120.0 |
| Belgium & Luxembourg | 421,389 | 698,994 | 418,688 | 4,840,160 | 3,257,174 | 48.6 |
| Denmark | 803,070 | 559,918 | 58,785 | 2,208,416 | 794,305 | 178.0 |
| Finland | - | - | 119,744 | 68,131 | 171,734 | -60.3 |
| France | 488,339 | 332,775 | 250,677 | 3,143,195 | 2,167,029 | 45.0 |
| Gibraltar | - | - | - | - | 17,003 | - |
| Iceland | 7,129 | - | 5,378 | 33,621 | 28,985 | 16.1 |
| Ireland | 86,216 | 215,186 | 164,876 | 1,123,042 | 966,327 | 16.2 |
| Italy | 1,169,118 | 833,053 | 814,645 | 8,525,829 | 7,199,528 | 18.4 |
| Netherlands | 571,889 | 589,811 | 301,990 | 3,604,902 | 3,135,665 | 15.0 |
| Norway | 84,214 | 24,608 | 5,237 | 197,111 | 98,126 | 100.9 |
| Portugal | 83,187 | 127,571 | 84,338 | 678,527 | 1,265,008 | -46.4 |
| Romania | 135,990 | 110,662 | - | 860,424 | 785,549 | 9.5 |
| Spain | 298,823 | 145,402 | 90,404 | 1,736,976 | 1,802,189 | -3.6 |
| Sweden | - | 132,547 | 142,868 | 318,840 | 588,210 | -45.8 |
| Turkey | 269,889 | 179,192 | 44,241 | 1,512,165 | 771,778 | 95.9 |
| United Kingdom | 319,548 | 293,410 | 398,365 | 2,492,257 | 1,923,266 | 20.6 |
| West Germany | 110,718 | - | - | 575,344 | 284,124 | 102.5 |
| Yugoslavia | 200,119 | 100,247 | 11,030 | 908,740 | 708,604 | 28.2 |
| Asia Total | 1,989,407 | 2,089,190 | 1,132,256 | 17,553,839 | 14,408,363 | 21.8 |
| China (Taiwan) | 433,690 | 373,581 | 406,866 | 3,613,464 | 3,494,030 | 3.4 |
| Indonesia | - | 470 | - | 470 | 164 | 186.6 |
| Israel | - | 121,929 | - | 243,427 | 242,894 | .2 |
| Japan | 1,352,495 | 1,197,604 | 725,390 | 10,993,469 | 8,288,040 | 32.6 |
| Jordan | - | - | - | 56 | - | - |
| Korea, Republic of | 203,200 | 395,606 | - | 2,643,878 | 2,327,368 | 13.6 |
| Pakistan | - | - | - | 57,969 | 55,415 | 4.6 |
| Saudi Arabia | - | - | - | 659 | 452 | 45.8 |
| United Arab Emirates | 22 | - | - | 447 | - | - |
| Oceania & Australia Total | 260 | - | 22 | 643 | 307 | 109.4 |
| Australia | - | - | 22 | 208 | 307 | -32.2 |
| New Zealand | 260 | - | - | 435 | - | - |
| Africa Total | 113,338 | 63,996 | 115,825 | 813,047 | 1,566,122 | -48.1 |
| Algeria | 62,922 | 63,927 | 115,825 | 518,239 | 720,678 | -28.1 |
| Egypt | 50,416 | - | - | 294,739 | 280,158 | 5.2 |
| Gabon | - | 69 | - | 69 | - | - |
| Morocco | - | - | - | - | 503,639 | - |
| South Africa, Rep of | - | - | - | - | 61,647 | - |
| Total | 9,804,416 | 9,223,449 | 6,473,743 | 67,950,902 | 56,890,068 | 10.4 |

¹ Includes subbituminous coal.

² Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 14. Average Price¹ of Bituminous² Coal Exports: September 1988
(Dollars per Short Ton)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$41.08 | \$42.29 | \$40.38 | \$41.92 | \$42.10 | -0.4 |
| Canada | 41.10 | 42.18 | 40.25 | 41.89 | 42.00 | -.3 |
| Dominican Republic | 35.05 | - | - | 37.47 | 38.45 | -2.5 |
| Haiti | 30.21 | - | - | 30.26 | - | - |
| Honduras | - | - | - | (³) | (³) | -56.6 |
| Jamaica | - | - | - | 27.62 | - | - |
| Mexico | (³) | (³) | (³) | 47.50 | (³) | -41.5 |
| Netherlands Antilles | - | - | - | - | 38.75 | - |
| South America Total | 45.40 | 44.50 | 42.99 | 44.26 | 44.50 | -.5 |
| Argentina | - | 43.71 | 42.14 | 43.68 | 43.83 | -.3 |
| Brazil | 45.28 | 44.68 | 43.10 | 44.28 | 44.51 | -.5 |
| Chile | 47.05 | - | - | 47.05 | 45.97 | 2.4 |
| Guyana | - | - | - | - | (³) | - |
| Peru | - | 40.00 | 39.81 | 40.00 | 50.96 | -21.5 |
| Europe Total | 40.93 | 40.38 | 41.78 | 41.90 | 42.58 | -1.6 |
| Albania | 43.41 | 39.99 | - | 39.19 | 40.47 | -3.2 |
| Belgium & Luxembourg | 42.48 | 41.61 | 39.57 | 42.12 | 41.86 | .6 |
| Denmark | 28.97 | 27.54 | 34.93 | 29.94 | 32.23 | -7.1 |
| Finland | - | - | 41.02 | 41.73 | 41.11 | 1.5 |
| France | 44.93 | 44.96 | 42.30 | 44.09 | 43.27 | 1.9 |
| Gibraltar | - | - | - | - | 43.18 | - |
| Iceland | 55.90 | - | 50.81 | 53.93 | 58.80 | -8.3 |
| Ireland | 39.42 | 42.87 | 40.26 | 41.15 | 44.01 | -6.5 |
| Italy | 42.41 | 42.95 | 40.80 | 42.48 | 41.72 | 1.8 |
| Netherlands | 42.32 | 37.09 | 41.12 | 40.34 | 43.43 | -7.1 |
| Norway | 45.84 | 42.49 | 54.70 | 50.05 | 59.09 | -16.6 |
| Portugal | 41.08 | 39.72 | 44.86 | 39.06 | 42.95 | -9.0 |
| Romania | 39.16 | 44.56 | - | 41.98 | 42.78 | -1.8 |
| Spain | 45.38 | 47.12 | 45.00 | 45.32 | 43.95 | 3.1 |
| Sweden | - | 46.51 | 43.95 | 45.09 | 43.94 | 2.6 |
| Turkey | 42.18 | 42.18 | 45.54 | 43.64 | 44.15 | -1.2 |
| United Kingdom | 46.01 | 44.43 | 44.58 | 44.35 | 44.53 | -.4 |
| West Germany | 45.98 | - | - | 45.11 | 41.23 | 9.4 |
| Yugoslavia | 42.79 | 42.69 | (³) | 44.96 | 43.74 | 2.8 |
| Asia Total | 42.54 | 42.83 | 43.00 | 41.89 | 44.61 | -6.1 |
| China (Taiwan) | 42.28 | 39.35 | 39.51 | 40.32 | 40.54 | -.5 |
| Indonesia | - | 40.00 | - | 40.00 | 39.90 | .3 |
| Israel | - | 37.76 | - | 36.91 | 36.56 | 1.0 |
| Japan | 42.68 | 43.81 | 44.96 | 42.19 | 46.69 | -9.6 |
| Jordan | - | - | - | 50.00 | - | - |
| Korea, Republic of | 42.17 | 44.74 | - | 42.99 | 43.88 | -2.0 |
| Pakistan | - | - | - | 55.30 | 54.43 | 1.6 |
| Saudi Arabia | - | - | - | 39.99 | (³) | -39.7 |
| United Arab Emirates | (³) | - | - | 46.90 | - | - |
| Oceania & Australia Total | 39.94 | - | (³) | 39.94 | (³) | -61.1 |
| Australia | - | - | (³) | 40.02 | (³) | -61.1 |
| New Zealand | 39.94 | - | - | 39.90 | - | - |
| Africa Total | 45.87 | 45.52 | 40.81 | 43.89 | 41.14 | 6.7 |
| Algeria | 47.27 | 45.52 | 40.81 | 43.75 | 44.07 | -.7 |
| Egypt | 44.13 | - | - | 44.13 | 42.10 | 4.8 |
| Gabon | - | 40.17 | - | 40.17 | - | - |
| Morocco | - | - | - | - | 35.55 | - |
| South Africa, Rep of | - | - | - | - | 48.25 | - |
| Total | 41.54 | 41.88 | 41.70 | 42.07 | 43.13 | -2.5 |

¹ Based on the free alongside ship (f.a.s.) value.

² Includes subbituminous coal.

³ Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 15. Bituminous Metallurgical Coal Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|----------------|-------------------|--------------|------------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 977,870 | 817,268 | 636,096 | 5,435,422 | 4,449,886 | 22.1 |
| Canada | 958,084 | 817,268 | 636,096 | 5,178,545 | 4,333,884 | 19.5 |
| Dominican Republic | 19,786 | - | - | 58,978 | 41,214 | 43.1 |
| Honduras | - | - | - | 25 | - | - |
| Mexico | - | - | - | 197,874 | 5,798 | (¹) |
| Netherlands Antilles | - | - | - | - | 68,970 | - |
| South America Total | 432,485 | 663,167 | 552,138 | 3,994,764 | 4,808,155 | -18.9 |
| Argentina | - | 125,368 | 64,581 | 364,754 | 562,652 | -35.2 |
| Brazil | 403,648 | 537,799 | 487,557 | 3,574,081 | 4,152,210 | -13.9 |
| Chile | 28,837 | - | - | 55,929 | 93,293 | -40.1 |
| Europe Total | 3,496,702 | 2,308,528 | 1,981,573 | 22,931,202 | 18,139,343 | 26.4 |
| Albania | 27,948 | 24,748 | - | 131,126 | 57,260 | 129.0 |
| Belgium & Luxembourg | 356,933 | 476,455 | 296,787 | 4,129,688 | 2,791,958 | 47.9 |
| Finland | - | - | 119,744 | 68,131 | 171,734 | -60.3 |
| France | 488,339 | 332,775 | 250,677 | 3,119,512 | 2,048,562 | 52.3 |
| Gibraltar | - | - | - | - | 17,003 | - |
| Ireland | - | 21,593 | - | 26,680 | 90,367 | -70.5 |
| Italy | 758,718 | 397,195 | 439,377 | 4,993,083 | 4,087,460 | 22.2 |
| Netherlands | 470,499 | 98,350 | 189,240 | 2,028,026 | 1,956,467 | 3.7 |
| Norway | 18,214 | 1,602 | 5,237 | 103,085 | 91,653 | 12.5 |
| Portugal | 41,180 | - | - | 124,412 | 196,584 | -36.7 |
| Romania | 135,990 | 110,662 | - | 860,424 | 785,549 | 9.5 |
| Spain | 298,706 | 133,752 | 85,037 | 1,717,393 | 1,716,648 | (¹) |
| Sweden | - | 132,547 | 142,868 | 271,696 | 588,210 | -53.8 |
| Turkey | 269,790 | 179,192 | 44,241 | 1,512,066 | 771,778 | 95.9 |
| United Kingdom | 319,548 | 293,410 | 398,365 | 2,463,826 | 1,923,266 | 28.1 |
| West Germany | 110,718 | - | - | 520,038 | 191,433 | 171.7 |
| Yugoslavia | 200,119 | 106,247 | - | 862,017 | 653,411 | 31.9 |
| Asia Total | 1,497,713 | 1,536,247 | 685,581 | 12,037,212 | 8,737,584 | 23.6 |
| China (Taiwan) | 112,076 | 101,133 | 33,401 | 623,641 | 310,202 | 101.0 |
| Japan | 1,265,746 | 1,112,230 | 652,180 | 9,327,585 | 7,669,359 | 21.6 |
| Jordan | - | - | - | 56 | - | - |
| Korea, Republic of | 119,891 | 322,884 | - | 2,027,961 | 1,702,608 | 19.1 |
| Pakistan | - | - | - | 57,969 | 55,416 | 4.6 |
| Africa Total | 113,338 | 63,927 | 115,825 | 812,978 | 1,062,483 | -23.5 |
| Algeria | 62,922 | 63,927 | 115,825 | 518,239 | 720,678 | -28.1 |
| Egypt | 50,416 | - | - | 294,739 | 280,158 | 5.2 |
| South Africa, Rep of | - | - | - | - | 61,647 | - |
| Total | 6,510,108 | 5,389,137 | 3,951,213 | 45,211,578 | 38,197,431 | 18.4 |

¹ Percent changes of 500% or more are not shown.

(¹) Rounded to zero.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 16. Average Price¹ of Bituminous Metallurgical Coal Exports: September 1988
(Dollars per Short Ton)**

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|------------------|-------------------|------------------|------------------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$45.27 | \$46.87 | \$44.83 | \$45.87 | \$45.16 | 1.6 |
| Canada | 45.48 | 46.87 | 44.83 | 46.10 | 45.28 | 1.8 |
| Dominican Republic | 35.05 | - | - | 37.47 | 38.12 | -1.7 |
| Honduras | - | - | - | (²) | - | - |
| Mexico | - | - | - | 42.43 | (²) | -48.0 |
| Netherlands Antilles | - | - | - | - | 38.75 | - |
| South America Total | 45.40 | 44.50 | 42.99 | 44.23 | 44.41 | -.4 |
| Argentina | - | 43.71 | 42.14 | 43.68 | 43.83 | -.3 |
| Brazil | 45.28 | 44.68 | 43.10 | 44.25 | 44.45 | -.5 |
| Chile | 47.05 | - | - | 47.05 | 45.97 | 2.4 |
| Europe Total | 44.16 | 44.69 | 43.04 | 43.95 | 43.98 | -.1 |
| Albania | 43.41 | 39.99 | - | 39.19 | 40.47 | -3.2 |
| Belgium & Luxembourg | 45.03 | 45.17 | 41.84 | 43.61 | 42.92 | 1.6 |
| Finland | - | - | 41.02 | 41.73 | 41.11 | 1.5 |
| France | 44.93 | 44.96 | 42.30 | 44.10 | 43.66 | 1.1 |
| Gibraltar | - | - | - | - | 43.18 | - |
| Ireland | - | 39.88 | - | 42.31 | 41.64 | 1.6 |
| Italy | 43.67 | 45.20 | 43.47 | 44.30 | 44.32 | -.1 |
| Netherlands | 43.87 | 44.59 | 41.72 | 42.23 | 44.59 | -5.3 |
| Norway | (²) | (²) | 54.70 | 57.29 | (²) | -4.8 |
| Portugal | 41.50 | - | - | 42.99 | 44.50 | -3.4 |
| Romania | 39.16 | 44.56 | - | 41.98 | 42.76 | -1.8 |
| Spain | 45.38 | 46.10 | 42.07 | 45.17 | 44.59 | 1.3 |
| Sweden | - | 46.51 | 43.95 | 46.13 | 43.94 | 5.0 |
| Turkey | 42.18 | 42.18 | 45.54 | 43.64 | 44.15 | -1.2 |
| United Kingdom | 46.01 | 44.43 | 44.58 | 44.44 | 44.53 | -.2 |
| West Germany | 45.98 | - | - | 44.79 | 43.40 | 3.2 |
| Yugoslavia | 42.79 | 42.69 | - | 43.71 | 42.88 | 1.9 |
| Asia Total | 43.71 | 44.48 | 45.40 | 43.63 | 46.96 | -7.1 |
| China (Taiwan) | 45.27 | 43.40 | 42.96 | 43.99 | 44.60 | -1.4 |
| Japan | 43.42 | 44.02 | 45.52 | 43.25 | 47.42 | -8.8 |
| Jordan | - | - | - | 50.00 | - | - |
| Korea, Republic of | 45.29 | 46.33 | - | 44.96 | 45.08 | -.3 |
| Pakistan | - | - | - | 55.30 | 54.43 | 1.6 |
| Africa Total | 45.87 | 45.52 | 40.81 | 43.89 | 43.00 | .2 |
| Algeria | 47.27 | 45.52 | 40.81 | 43.75 | 44.07 | -.7 |
| Egypt | 44.13 | - | - | 44.13 | 42.10 | 4.8 |
| South Africa, Rep of | - | - | - | - | 48.25 | - |
| Total | 44.34 | 44.94 | 43.86 | 44.12 | 44.93 | -1.8 |

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 17. Bituminous Steam¹ Coal Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|----------------|-------------------|--------------|------------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 1,273,470 | 1,215,614 | 1,126,088 | 7,099,862 | 5,552,155 | 27.9 |
| Canada | 1,264,202 | 1,210,554 | 1,120,940 | 7,014,554 | 5,521,925 | 27.0 |
| Dominican Republic | - | - | - | - | 47 | - |
| Haiti | 6,554 | - | - | 32,888 | - | - |
| Honduras | - | - | - | - | 38 | - |
| Jamaica | - | - | - | 19,516 | - | - |
| Mexico | 2,714 | 5,060 | 5,148 | 32,904 | 30,147 | 9.1 |
| South America Total | - | 90 | 52 | 94,519 | 91,258 | 3.6 |
| Brazil | - | - | - | 94,429 | 61,781 | 52.8 |
| Guyana | - | - | - | - | 11 | - |
| Peru | - | 90 | 52 | 90 | 29,464 | -99.7 |
| Europe Total | 1,580,884 | 2,065,596 | 949,693 | 10,027,604 | 7,882,501 | 27.2 |
| Belgium & Luxembourg | 64,456 | 222,539 | 131,901 | 710,472 | 465,218 | 52.7 |
| Denmark | 803,070 | 559,918 | 58,785 | 2,208,416 | 794,305 | 178.0 |
| France | - | - | - | 23,683 | 118,467 | -80.0 |
| Iceland | 7,129 | - | 5,378 | 33,621 | 28,965 | 16.1 |
| Ireland | 86,216 | 193,593 | 164,876 | 1,098,362 | 875,960 | 25.2 |
| Italy | 410,400 | 435,858 | 375,268 | 3,532,746 | 3,112,068 | 13.5 |
| Netherlands | 101,390 | 491,481 | 112,750 | 1,576,877 | 1,179,198 | 33.7 |
| Norway | 66,000 | 23,008 | - | 94,026 | 6,473 | (2) |
| Portugal | 42,007 | 127,571 | 84,338 | 554,115 | 1,068,424 | -48.1 |
| Spain | 117 | 11,650 | 5,367 | 19,583 | 85,541 | -77.1 |
| Sweden | - | - | - | 47,144 | - | - |
| Turkey | 99 | - | - | 99 | - | - |
| United Kingdom | - | - | - | 28,431 | - | - |
| West Germany | - | - | - | 55,306 | 92,691 | -40.3 |
| Yugoslavia | - | - | 11,030 | 46,723 | 55,193 | -15.3 |
| Asia Total | 491,694 | 552,943 | 446,875 | 5,516,827 | 4,670,779 | 18.1 |
| China (Taiwan) | 321,614 | 272,448 | 373,485 | 2,989,823 | 3,183,828 | -6.1 |
| Indonesia | - | 470 | - | 470 | 164 | 188.6 |
| Israel | - | 121,929 | - | 243,427 | 242,894 | .2 |
| Japan | 86,749 | 85,374 | 73,210 | 1,665,884 | 618,681 | 169.3 |
| Korea, Republic of | 83,309 | 72,722 | - | 615,917 | 624,780 | -1.4 |
| Saudi Arabia | - | - | - | 659 | 452 | 45.8 |
| United Arab Emirates | 22 | - | - | 447 | - | - |
| Oceania & Australia Total | 260 | - | 22 | 643 | 307 | 109.4 |
| Australia | - | - | 22 | 208 | 307 | -32.2 |
| New Zealand | 260 | - | - | 435 | - | - |
| Africa Total | - | 69 | - | 69 | 503,639 | -100.0 |
| Gabon | - | 69 | - | 69 | - | - |
| Morocco | - | - | - | - | 503,639 | - |
| Total | 3,348,308 | 3,834,312 | 2,522,530 | 22,739,324 | 18,700,637 | 21.8 |

¹ Includes subbituminous coal.

² Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 18. Average Price¹ of Bituminous Steam² Coal Exports: September 1988
(Dollars per Short Ton)**

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$37.86 | \$39.21 | \$37.86 | \$38.89 | \$39.66 | -1.9 |
| Canada | 37.78 | 39.01 | 37.65 | 38.78 | 39.42 | -1.6 |
| Dominican Republic | - | - | - | - | (³) | - |
| Haiti | 30.21 | - | - | 30.26 | - | - |
| Honduras | - | - | - | - | (³) | - |
| Jamaica | - | - | - | 27.62 | - | - |
| Mexico | (³) | -3.9 |
| South America Total | - | 40.00 | 39.81 | 45.42 | 49.28 | -7.8 |
| Brazil | - | - | - | 45.42 | 48.36 | -6.1 |
| Guyana | - | - | - | - | (³) | - |
| Peru | - | 40.00 | 39.81 | 40.00 | 50.96 | -21.5 |
| Europe Total | 33.76 | 35.51 | 39.19 | 37.23 | 39.34 | -5.4 |
| Belgium & Luxembourg | 28.35 | 34.00 | 35.06 | 33.45 | 35.53 | -5.8 |
| Denmark | 28.97 | 27.54 | 34.93 | 29.94 | 32.23 | -7.1 |
| France | - | - | - | 34.88 | 36.50 | -4.4 |
| Iceland | 55.90 | - | 50.81 | 53.93 | 58.80 | -8.3 |
| Ireland | 39.42 | 43.21 | 40.26 | 41.13 | 44.25 | -7.1 |
| Italy | 40.08 | 40.90 | 37.67 | 39.90 | 38.30 | 4.2 |
| Netherlands | 35.11 | 35.59 | 40.11 | 37.92 | 41.52 | -8.7 |
| Norway | 41.86 | 40.71 | - | 42.10 | 57.76 | -27.1 |
| Portugal | 40.66 | 39.72 | 44.86 | 38.18 | 42.66 | -10.5 |
| Spain | 39.91 | 58.86 | (³) | 58.37 | 31.19 | 87.1 |
| Sweden | - | - | - | 39.08 | - | - |
| Turkey | 39.88 | - | - | 39.88 | - | - |
| United Kingdom | - | - | - | 36.81 | - | - |
| West Germany | - | - | - | 48.08 | 36.75 | 30.8 |
| Yugoslavia | - | - | (³) | (³) | 53.98 | 26.1 |
| Asia Total | 38.99 | 38.31 | 39.32 | 38.10 | 39.70 | -4.0 |
| China (Taiwan) | 41.23 | 37.84 | 39.20 | 39.55 | 40.14 | -1.5 |
| Indonesia | - | 40.00 | - | 40.00 | 39.90 | .3 |
| Israel | - | 37.76 | - | 36.91 | 36.56 | 1.0 |
| Japan | 31.90 | 41.09 | 39.91 | 36.26 | 37.68 | -3.8 |
| Korea, Republic of | 37.68 | 37.68 | - | 36.48 | 40.63 | -10.2 |
| Saudi Arabia | - | - | - | 39.99 | (³) | -39.7 |
| United Arab Emirates | (³) | - | - | 46.90 | - | - |
| Oceania & Australia Total | 39.94 | - | (³) | 39.94 | (³) | -61.1 |
| Australia | - | - | (³) | 40.02 | (³) | -61.1 |
| New Zealand | 39.94 | - | - | 39.90 | - | - |
| Africa Total | - | 40.17 | - | 40.17 | 35.55 | 13.0 |
| Gabon | - | 40.17 | - | 40.17 | - | - |
| Morocco | - | - | - | - | 35.55 | - |
| Total | 36.09 | 37.09 | 38.62 | 37.99 | 39.47 | -3.7 |

¹ Based on the free alongside ship (f.a.s.) value.

² Includes subbituminous coal.

³ Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 19. Anthracite Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--|-------------------|----------------|-------------------|----------------|----------------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 79,079 | 39,474 | 76,051 | 385,649 | 370,209 | 4.2 |
| Canada | 78,892 | 39,040 | 74,268 | 371,184 | 357,092 | 3.9 |
| Costa Rica | 187 | - | - | 187 | 9 | (¹) |
| Dominican Republic | - | - | - | - | 55 | - |
| Honduras | - | - | - | 22 | 22 | .0 |
| Mexico | - | 434 | 1,783 | 14,256 | 12,360 | 15.3 |
| Panama | - | - | - | - | 88 | - |
| Trinidad & Tobago | - | - | - | - | 583 | - |
| South America Total | 6,573 | 182 | - | 35,986 | 21,644 | 66.3 |
| Argentina | 18 | - | - | 36 | 13 | (76.9) |
| Brazil | - | - | - | 7,511 | 11,104 | -32.4 |
| Chile | - | - | - | 283 | 18 | (¹) |
| Colombia | - | - | - | 15 | - | - |
| Ecuador | 182 | 182 | - | 364 | 44 | (¹) |
| Venezuela | 6,373 | - | - | 27,777 | 10,465 | 165.4 |
| Europe Total | 2,976 | 57 | - | 26,483 | 21,618 | 22.5 |
| Norway | 2,976 | 57 | - | 24,703 | 18,388 | 34.3 |
| Turkey | - | - | - | 100 | - | - |
| United Kingdom | - | - | - | 132 | 3,000 | -95.6 |
| West Germany | - | - | - | 314 | 110 | 185.5 |
| Yugoslavia | - | - | - | 1,234 | 120 | (¹) |
| Asia Total | 106,248 | 57,348 | 115,258 | 196,799 | 399,288 | -50.7 |
| Korea, Republic of | 105,776 | 56,177 | 115,258 | 195,102 | 399,038 | -51.1 |
| Philippines | - | - | - | 54 | 141 | -61.7 |
| Singapore | - | 1,171 | - | 1,171 | 109 | (¹) |
| Thailand | 472 | - | - | 472 | - | - |
| Oceania & Australia Total | 49 | - | - | 474 | - | - |
| Australia | - | - | - | 425 | - | - |
| New Zealand | 49 | - | - | 49 | - | - |
| Africa Total | - | - | - | - | 26 | - |
| Egypt | - | - | - | - | 26 | - |
| Total | 194,925 | 87,061 | 191,309 | 645,391 | 812,785 | -20.6 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 20. Average Price¹ of Anthracite Exports: September 1988
(Dollars per Short Ton)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|----------------|-------------------|--------------|---------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | (2) | (2) | (2) | (2) | (2) | -2.0 |
| Canada | (2) | (2) | (2) | (2) | (2) | -1.9 |
| Costa Rica | \$34.99 | - | - | \$34.99 | (2) | -89.7 |
| Dominican Republic | - | - | - | - | (2) | - |
| Honduras | - | - | - | (2) | (2) | -32.2 |
| Mexico | - | \$35.01 | \$35.01 | 43.64 | \$35.32 | 23.5 |
| Panama | - | - | - | - | (2) | - |
| Trinidad & Tobago | - | - | - | - | (2) | - |
| South America Total | (2) | 34.92 | - | (2) | (2) | -45.1 |
| Argentina | (2) | - | - | (2) | (2) | -37.5 |
| Brazil | - | - | - | (2) | (2) | 7.2 |
| Chile | - | - | - | 34.98 | (2) | -72.2 |
| Colombia | - | - | - | (2) | - | - |
| Ecuador | 34.92 | 34.92 | - | 34.92 | (2) | -71.3 |
| Venezuela | (2) | - | - | 54.17 | (2) | -61.1 |
| Europe Total | (2) | 34.93 | - | (2) | (2) | .7 |
| Norway | (2) | 34.93 | - | (2) | (2) | -4.3 |
| Turkey | - | - | - | 34.89 | - | - |
| United Kingdom | - | - | - | (2) | 35.00 | 206.0 |
| West Germany | - | - | - | 35.03 | (2) | -79.4 |
| Yugoslavia | - | - | - | 39.59 | 35.13 | 12.7 |
| Asia Total | 32.14 | 44.08 | 32.34 | 35.62 | 32.24 | 10.5 |
| Korea, Republic of | 32.11 | 44.27 | 32.34 | 35.61 | 32.21 | 10.6 |
| Philippines | - | - | - | 34.91 | 34.98 | -.1 |
| Singapore | - | 35.01 | - | 35.01 | (2) | -77.2 |
| Thailand | 38.31 | - | - | 38.31 | - | - |
| Oceania & Australia Total | 35.16 | - | - | 35.02 | - | - |
| Australia | - | - | - | 35.00 | - | - |
| New Zealand | 35.16 | - | - | 35.16 | - | - |
| Africa Total | - | - | - | - | 58.65 | - |
| Egypt | - | - | - | - | 58.65 | - |
| Total | 47.72 | 50.56 | 43.57 | 54.13 | 49.38 | 9.6 |

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 21. Coke Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|----------------|-------------|----------------|--------------|---------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 26,557 | 32,322 | 29,349 | 278,847 | 259,042 | 7.6 |
| Canada | 16,809 | 21,504 | 17,883 | 212,435 | 180,658 | 17.6 |
| Costa Rica | 53 | - | - | 98 | - | - |
| Dominican Republic | 98 | - | - | 118 | - | - |
| El Salvador | - | - | - | 20 | - | - |
| Guatemala | 106 | - | - | 106 | 101 | 5.0 |
| Honduras | - | - | 84 | 150 | 352 | -57.4 |
| Jamaica | - | - | - | - | 122 | - |
| Mexico | 9,391 | 10,818 | 11,382 | 65,731 | 77,809 | -15.5 |
| Panama | 100 | - | - | 100 | - | - |
| Trinidad & Tobago | - | - | - | 89 | - | - |
| South America Total | - | 22,609 | - | 120,954 | 71,169 | 70.0 |
| Brazil | - | - | - | 52,083 | - | - |
| Chile | - | - | - | - | 2,906 | - |
| Peru | - | - | - | - | 1,702 | - |
| Venezuela | - | 22,609 | - | 68,871 | 68,561 | 3.5 |
| Europe Total | 48,786 | 9,551 | - | 154,327 | 52,175 | 195.8 |
| Belgium & Luxembourg | - | - | - | - | 21,483 | - |
| France | - | - | - | 36,369 | - | - |
| Italy | 9,444 | - | - | 9,444 | - | - |
| Netherlands | - | - | - | - | 15,304 | - |
| Spain | 39,342 | - | - | 39,342 | - | - |
| Sweden | - | 9,551 | - | 9,551 | 9,368 | 2.0 |
| Turkey | - | - | - | 20,572 | - | - |
| United Kingdom | - | - | - | 28,932 | 154 | (1) |
| Yugoslavia | - | - | - | 10,117 | 5,866 | 72.5 |
| Asia Total | 16,822 | - | - | 170,887 | 30,568 | 459.0 |
| Japan | 16,822 | - | - | 46,652 | 30,345 | 53.7 |
| Korea, Republic of | - | - | - | - | 223 | - |
| Philippines | - | - | - | 124,235 | - | - |
| Total | 92,165 | 64,482 | 29,349 | 725,015 | 412,954 | 75.6 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 22. Average Price¹ of Coke Exports: September 1988
(Dollars per Short Ton)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|----------------|-------------------|--------------|---------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$120.67 | \$112.74 | \$106.24 | \$100.42 | \$88.73 | 13.2 |
| Canada | 121.21 | 121.67 | 115.63 | 95.95 | 88.20 | 8.8 |
| Costa Rica | 85.38 | - | - | 163.52 | - | - |
| Dominican Republic | (2) | - | - | (2) | - | - |
| El Salvador | - | - | - | 175.00 | - | - |
| Guatemala | 84.84 | - | - | 84.84 | 85.02 | -.2 |
| Honduras | - | - | 160.71 | 180.00 | 182.53 | -1.4 |
| Jamaica | - | - | - | - | (2) | - |
| Mexico | 119.54 | 94.99 | 91.09 | 114.12 | 89.28 | 27.8 |
| Panama | 84.48 | - | - | 84.48 | - | - |
| Trinidad & Tobago | - | - | - | (2) | - | - |
| South America Total | - | 60.00 | - | 56.97 | 59.16 | -3.7 |
| Brazil | - | - | - | 54.43 | - | - |
| Chile | - | - | - | - | 96.25 | - |
| Peru | - | - | - | - | 95.27 | - |
| Venezuela | - | 60.00 | - | 58.89 | 56.62 | 4.0 |
| Europe Total | 77.42 | 44.68 | - | 62.28 | 70.85 | -12.1 |
| Belgium & Luxembourg | - | - | - | - | 82.56 | - |
| France | - | - | - | 60.00 | - | - |
| Italy | 150.00 | - | - | 150.00 | - | - |
| Netherlands | - | - | - | - | 81.60 | - |
| Spain | 60.00 | - | - | 60.00 | - | - |
| Sweden | - | 44.68 | - | 44.68 | 42.87 | 4.2 |
| Turkey | - | - | - | 60.00 | - | - |
| United Kingdom | - | - | - | 47.85 | 84.98 | -43.7 |
| Yugoslavia | - | - | - | 60.00 | 44.22 | 35.7 |
| Asia Total | 3.19 | - | - | 50.32 | 133.49 | -62.3 |
| Japan | 3.19 | - | - | 91.11 | 133.84 | -31.9 |
| Korea, Republic of | - | - | - | - | 84.86 | - |
| Philippines | - | - | - | 35.00 | - | - |
| Total | 76.33 | 84.17 | 106.24 | 73.25 | 84.69 | -13.5 |

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$200.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 23. Briquette Exports: September 1988
(Short Tons)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|---|-------------------|----------------|-------------------|--------------|--------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 41 | - | - | 1,392 | 17,487 | -92.0 |
| Barbados | - | - | - | - | 81 | - |
| Bermuda | 41 | - | - | 63 | - | - |
| Canada | - | - | - | 245 | 14,371 | -98.3 |
| Leeward & Windward | - | - | - | 20 | - | - |
| Mexico | - | - | - | 1,064 | 3,035 | -64.9 |
| South America Total | - | - | 136 | - | 136 | - |
| Venezuela | - | - | 136 | - | 136 | - |
| Europe Total | - | - | - | 31,433 | 5,134 | (1) |
| Italy | - | - | - | - | 5,134 | - |
| Netherlands | - | - | - | 31,433 | - | - |
| Asia Total | - | - | - | - | - | - |
| Japan | - | - | - | - | 70,018 | - |
| Lebanon | - | - | - | - | 30,341 | - |
| Africa Total | - | - | - | 206 | 39,677 | - |
| Egypt | - | - | - | 206 | - | - |
| | 41 | - | 136 | 33,031 | 92,775 | -64.4 |

are not shown.

¹ Components because of independent rounding.

Source: Bureau of the Census, "Monthly Report EM 522."

Table 24. Average Price¹ of Briquette Exports: September 1988
(Dollars per Short Ton)

| Continent and Country of Destination | September 1988 | August 1988 | September 1987 | Year to date | | |
|--------------------------------------|----------------|-------------|----------------|--------------|---------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$80.49 | - | - | \$82.61 | \$38.75 | 113.2 |
| Barbados | - | - | - | - | 79.26 | - |
| Bermuda | 80.49 | - | - | 80.11 | - | - |
| Canada | - | - | - | 84.42 | 29.15 | 189.5 |
| Leeward & Windward | - | - | - | 79.80 | - | - |
| Mexico | - | - | - | 82.40 | 83.11 | -.9 |
| South America Total | - | - | \$79.41 | - | 79.41 | - |
| Venezuela | - | - | 79.41 | - | 79.41 | - |
| Europe Total | - | - | - | 48.27 | 32.72 | 41.4 |
| Italy | - | - | - | - | 32.72 | - |
| Netherlands | - | - | - | 46.27 | - | - |
| Asia Total | - | - | - | - | 37.60 | - |
| Japan | - | - | - | - | 32.21 | - |
| Lebanon | - | - | - | - | 41.73 | - |
| Africa Total | - | - | - | 46.27 | - | - |
| Egypt | - | - | - | 46.27 | - | - |
| Total | 80.49 | - | 79.41 | 47.80 | 37.61 | 27.1 |

¹ Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 25. Coal Imports¹ by Continent and Country of Origin: September 1988
(Short Tons)

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|---------------------------------|----------------|-------------|----------------|--------------|-----------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 5,004 | 37,110 | 25,259 | 490,902 | 398,800 | 23.7 |
| Canada | 2,379 | 33,148 | 18,090 | 456,961 | 367,745 | 24.3 |
| Mexico | 2,625 | 3,962 | 7,169 | 34,031 | 29,055 | 17.1 |
| South America Total | 23,700 | 167,974 | 111,185 | 998,733 | 742,002 | 34.6 |
| Colombia | 23,700 | 128,230 | 111,185 | 868,295 | 742,002 | 17.0 |
| Venezuela | - | 39,744 | - | 130,438 | - | - |
| Europe Total | - | 125 | 44 | 822 | 240 | 242.5 |
| Denmark | - | - | - | 177 | - | - |
| Netherlands | - | - | - | 320 | - | - |
| Spain | - | 124 | 44 | 124 | 44 | 181.8 |
| United Kingdom | - | 1 | - | 1 | 196 | -99.5 |
| West Germany | - | - | - | 200 | - | - |
| Asia Total | - | - | - | 42,100 | - | - |
| Hong Kong | - | - | - | 1 | - | - |
| Japan | - | - | - | 42,189 | - | - |
| Oceania & Australia Total | - | - | 27,804 | 34,277 | 149,410 | -77.1 |
| Australia | - | - | 27,804 | 34,277 | 149,410 | -77.1 |
| Total | 28,704 | 205,209 | 164,292 | 1,567,014 | 1,288,452 | 21.6 |

¹ Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 26. Average Price¹ of Coal Imports² by Continent and Country of Origin:
September 1988
(Dollars per Short Ton)**

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|------------------------------------|-------------------|------------------|-------------------|------------------|------------------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$46.68 | \$29.81 | \$23.48 | \$31.39 | \$32.87 | -4.5 |
| Canada | (³) | 30.38 | 23.87 | 31.52 | 33.84 | -6.9 |
| Mexico | 30.25 | 25.08 | 22.49 | 29.56 | 20.54 | 43.9 |
| South America Total | 31.75 | 26.42 | 32.95 | 28.17 | 33.13 | -15.0 |
| Colombia | 31.75 | 26.15 | 32.95 | 28.57 | 33.13 | -13.8 |
| Venezuela | - | 27.27 | - | 25.52 | - | - |
| Europe Total | - | (³) | 28.70 | (³) | (³) | -51.9 |
| Denmark | - | - | - | 36.28 | - | - |
| Netherlands | - | - | - | (³) | - | - |
| Spain | - | (³) | 28.70 | (³) | 28.70 | 464.0 |
| United Kingdom | - | (³) | - | (³) | (³) | (⁴) |
| West Germany | - | - | - | 15.00 | - | - |
| Asia Total | - | - | - | (³) | - | - |
| Hong Kong | - | - | - | (³) | - | - |
| Japan | - | - | - | (³) | - | - |
| Oceania & Australia Total | - | - | 39.70 | 28.94 | 29.41 | -1.6 |
| Australia | - | - | 39.70 | 28.94 | 29.41 | -1.6 |
| Total | 34.35 | 27.13 | 32.64 | 30.13 | 32.64 | -7.7 |

¹ Based on the free alongside ship (f.a.s.) value.

² Includes Puerto Rico.

³ Average prices of \$50.00 dollars or more are not shown.

⁴ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 27. Coal Imports by Customs District: September 1988
 (Short Tons)

| Customs District | September 1988 | August 1988 | September 1987 | Year to date | | |
|-----------------------------|-------------------|----------------|-------------------|--------------|-----------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| Eastern Total | 17 | 295 | 44 | 162,555 | 71,626 | 126.9 |
| Boston, MA | - | - | - | 177 | 28,736 | -99.4 |
| Baltimore, MD | - | - | - | 200 | - | - |
| Portland, ME | 17 | 170 | - | 51,536 | 108 | (1) |
| Buffalo, NY | - | - | - | - | 671 | - |
| New York City, NY | - | 125 | 44 | 445 | 222 | 100.5 |
| Philadelphia, PA | - | - | - | 110,197 | 41,889 | 163.1 |
| Southern Total | 26,325 | 171,936 | 118,354 | 966,658 | 760,028 | 27.2 |
| Mobile, AL | - | - | - | - | 121,706 | - |
| Tampa, FL | - | 80,082 | 66,414 | 503,020 | 96,743 | 420.0 |
| New Orleans, LA | - | 39,744 | - | 130,438 | 261,464 | -50.1 |
| San Juan, PR | 23,700 | 48,148 | 44,771 | 297,267 | 251,042 | 18.4 |
| Houston-Galveston, TX | - | - | - | 1,802 | 16 | (1) |
| Laredo, TX | 2,625 | 3,962 | 7,169 | 34,031 | 29,055 | 17.1 |
| Western Total | 410 | 1,737 | 35,246 | 93,905 | 255,980 | -63.3 |
| San Francisco, CA | - | - | - | 17,000 | 22,048 | -22.9 |
| Honolulu, HI | - | - | 27,804 | 32,475 | 89,832 | -63.8 |
| Great Falls, MT | 410 | 1,737 | 6,843 | 41,754 | 87,936 | -52.5 |
| Seattle, WA | - | - | 799 | 2,676 | 56,164 | -95.2 |
| Northern Total | 1,952 | 31,241 | 10,648 | 343,996 | 200,820 | 71.3 |
| Chicago, IL | - | 28,117 | - | 239,958 | 149,849 | 60.1 |
| Detroit, MI | - | - | - | - | 79 | - |
| Pembina, ND | 1,952 | 3,124 | 10,648 | 104,038 | 50,892 | 104.4 |
| Total | 28,704 | 205,209 | 184,292 | 1,587,014 | 1,288,452 | 21.6 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 28. Average Price¹ of Coal Imports by Customs District: September 1988
(Dollars per Short Ton)

| Customs District | September 1988 | August 1988 | September 1987 | Year to date | | |
|-----------------------------|-------------------|----------------|-------------------|--------------|---------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| Eastern Total | (2) | (2) | \$28.70 | \$37.90 | \$29.54 | 28.3 |
| Boston, MA | - | - | - | 36.28 | 27.00 | 34.4 |
| Baltimore, MD | - | - | - | 15.00 | - | - |
| Portland, ME | (2) | \$29.06 | - | 32.97 | (2) | -71.6 |
| Buffalo, NY | - | - | - | - | (2) | - |
| New York City, NY | - | (2) | 28.70 | (2) | (2) | -5.0 |
| Philadelphia, PA | - | - | - | 39.98 | 30.17 | 32.5 |
| Southern Total | \$31.60 | 26.39 | 32.32 | 28.41 | 32.30 | -12.0 |
| Mobile, AL | - | - | - | - | 26.36 | - |
| Tampa, FL | - | 24.13 | 31.56 | 28.58 | 33.51 | -14.7 |
| New Orleans, LA | - | 27.27 | - | 25.52 | 34.50 | -26.0 |
| San Juan, PR | 31.75 | 29.52 | 35.02 | 29.11 | 33.75 | -13.7 |
| Houston-Galveston, TX | - | - | - | (2) | (2) | -88.1 |
| Laredo, TX | 30.25 | 25.08 | 22.49 | 29.56 | 20.54 | 43.9 |
| Western Total | (2) | (2) | 37.63 | 41.71 | 31.93 | 30.8 |
| San Francisco, CA | - | - | - | 27.35 | 28.22 | -3.1 |
| Honolulu, HI | - | - | 39.70 | 27.47 | 33.37 | -17.7 |
| Great Falls, MT | (2) | (2) | 29.75 | (2) | 35.56 | 63.5 |
| Seattle, WA | - | - | 30.98 | 49.14 | 25.41 | 93.4 |
| Northern Total | (2) | 28.57 | 19.87 | 28.15 | 35.95 | -21.7 |
| Chicago, IL | - | 24.56 | - | 27.28 | 34.25 | -20.4 |
| Detroit, MI | - | - | - | - | (2) | - |
| Pembina, ND | (2) | (2) | 19.67 | 30.16 | 40.50 | -25.5 |
| Total | 34.35 | 27.13 | 32.64 | 30.13 | 32.64 | -7.7 |

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 29. Coke Imports: September 1988
(Short Tons)

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|------------------------------------|-------------------|----------------|-------------------|--------------|---------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 58,354 | 39,393 | 15,019 | 261,882 | 168,631 | 55.3 |
| Canada | 58,354 | 39,226 | 15,019 | 261,249 | 168,631 | 54.9 |
| Mexico | - | 167 | - | 633 | - | - |
| South America Total | - | 16,717 | - | 16,717 | 500 | (1) |
| Argentina | - | 16,717 | - | 16,717 | - | - |
| Venezuela | - | - | - | - | 500 | - |
| Europe Total | 35,589 | 48,258 | 44,092 | 379,580 | 44,092 | (1) |
| Belgium & Luxembourg | 35,589 | - | - | 72,101 | - | - |
| France | - | 24,190 | - | 38,358 | - | - |
| Italy | - | 22,066 | - | 125,205 | - | - |
| Netherlands | - | - | - | 24,809 | - | - |
| Switzerland | - | - | - | 24,234 | - | - |
| West Germany | - | - | - | 11 | - | - |
| Yugoslavia | - | - | 44,092 | 94,862 | 44,092 | 115.1 |
| Asia Total | 79,733 | 51,334 | 125,249 | 796,653 | 335,119 | 137.7 |
| Japan | 79,733 | 51,334 | 125,249 | 796,653 | 335,119 | 137.7 |
| Oceania & Australia Total | 41,017 | 43,531 | - | 526,715 | 82,526 | (1) |
| Australia | 41,017 | 43,531 | - | 526,715 | 82,526 | (1) |
| Total | 214,693 | 197,231 | 184,360 | 1,981,547 | 630,868 | 214.1 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 30. Average Price¹ of Coke Imports: September 1988
(Dollars per Short Ton)

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|---------------------------------|----------------|-------------|----------------|--------------|---------|----------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$62.63 | \$26.43 | \$75.57 | \$69.09 | \$47.23 | 46.3 |
| Canada | 62.63 | 26.49 | 75.57 | 69.19 | 47.23 | 46.5 |
| Mexico | - | 12.50 | - | 24.58 | - | - |
| South America Total | - | 40.98 | - | 40.98 | 54.40 | -24.7 |
| Argentina | - | 40.98 | - | 40.98 | - | - |
| Venezuela | - | - | - | - | 54.40 | - |
| Europe Total | 95.29 | 97.83 | 59.13 | 93.40 | 59.13 | 58.0 |
| Belgium & Luxembourg | 95.29 | - | - | 104.18 | - | - |
| France | - | 98.28 | - | 106.29 | - | - |
| Italy | - | 97.34 | - | 98.53 | - | - |
| Netherlands | - | - | - | 119.75 | - | - |
| Switzerland | - | - | - | 73.03 | - | - |
| West Germany | - | - | - | 189.64 | - | - |
| Yugoslavia | - | - | 59.13 | 71.52 | 59.13 | 21.0 |
| Asia Total | 83.69 | 96.18 | 61.60 | 65.59 | 65.85 | -.4 |
| Japan | 83.69 | 96.18 | 61.60 | 65.59 | 65.85 | -.4 |
| Oceania & Australia Total | 62.43 | 76.18 | - | 66.24 | 53.56 | 23.7 |
| Australia | 62.43 | 76.16 | - | 66.24 | 53.58 | 23.7 |
| Total | 75.83 | 73.54 | 62.15 | 71.34 | 58.79 | 21.4 |

¹ Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 31. Briquette Imports: September 1988
(Short Tons)

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|---------------------------------|----------------|-------------|----------------|--------------|---------|------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | 11,037 | - | 775 | 16,780 | 775 | (¹) |
| Canada | 6,931 | - | 775 | 12,674 | 775 | (¹) |
| Mexico | 4,106 | - | - | 4,106 | - | - |
| South America Total | - | - | - | - | 70,202 | - |
| Colombia | - | - | - | - | 70,202 | - |
| Asia Total | - | - | - | 40,000 | - | - |
| Japan | - | - | - | 40,000 | - | - |
| Oceania & Australia Total | - | - | - | 24,785 | 57,604 | -57.0 |
| Australia | - | - | - | 24,785 | 57,604 | -57.0 |
| Total | 11,037 | - | 775 | 81,585 | 128,581 | -36.6 |

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 32. Average Price¹ of Briquette Imports: September 1988
(Dollars per Short Ton)

| Continent and Country of Origin | September 1988 | August 1988 | September 1987 | Year to date | | |
|------------------------------------|-------------------|----------------|-------------------|--------------|---------|-------------------|
| | | | | 1988 | 1987 | Percent Change |
| North America Total | \$21.76 | - | \$56.08 | \$34.70 | \$56.08 | -38.1 |
| Canada | 25.00 | - | 56.08 | 40.67 | 56.08 | -27.6 |
| Mexico | 16.30 | - | - | 16.30 | - | - |
| South America Total | - | - | - | - | 28.30 | - |
| Colombia | - | - | - | - | 28.30 | - |
| Asia Total | - | - | - | 63.31 | - | - |
| Japan | - | - | - | 63.31 | - | - |
| Oceania & Australia Total | - | - | - | 26.67 | 21.57 | 23.7 |
| Australia | - | - | - | 26.67 | 21.57 | 23.7 |
| Total | 21.76 | - | 56.08 | 46.29 | 25.45 | 81.9 |

¹ Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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